Digitized by the Internet Archive
in 2014

https://archive.org/details/originalmonthlyr1911unit

BUS

ALLEN COUNTY PUBLIC LIBRARY
3 1833 01949 5651

551.63 UN3 1911
ORIGINAL MONTHLY RECORDS OF
OBSERVATIONS AT FORT WAYNE,
IND. ; ANNUAL METEOROGICAL
SUMMARY FOR...

REFERENCE

Not to leave the library

Indiana Documents
Collection

OVERSIZE

OVERSIZE

REFERENCE

ALLEN COUNTY PUBLIC LIBRARY

FORT WAYNE, INDIANA 46802

You may return this book to any agency, branch,
or bookmobile of the Allen County Public Library.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1910.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1065, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 4th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed. When Sunday or a legal holiday occurs from the 1st to the 4th, inclusive, an extra day will be allowed for the forms required to be mailed on the 4th.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated, after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard of the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Forecasters, section directors, and specially designated officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, and 7 of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large, it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Messengers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provision of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, or 7 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All regular and special observations will be taken on 75th meridian time, but the standard of time in local use will also be entered.

17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data will be recorded in the standard of time in local use. Data on Forms No. 1014, No. 1030, and the notes on Form No. 1083 will be in the standard of time in local use.

FORM No. 4012, Mis.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination, and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter and promptly returned. In case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him and returned to the Central Office. Employees are enjoined to see to it that all corrections indicated, and all resulting changes, are made in Forms No. 1001, No. 1002, No. 1014, and the Climatological Record. A press copy of the letter will be made and filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late, it will be recorded in brackets with the exact time at which it was taken, and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the records by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The observation must be enciphered from Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, and 10, and it must be kept up to date. All footings on pages 4, 5, and 7 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained Form No. 1002 before mailing Form No. 1001.

26. In order that the reports may be filed at the telegraph office not later than 8 o'clock, 75th meridian time, observations will be begun not to exceed twenty minutes before that hour.

27. Instruments will be read and conditions noted in the following order : (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when especially directed (see pars. 22, 59, 71, 93, and 226). If an error has been made in an original reading in Forms No. 1001 or No. 1083, an ink line will be drawn through the erroneous entry and the correct one placed immediately above the canceled reading in black ink.

29. Entries of direction of wind and clouds will be printed thus : N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station at a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given

location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the "sum of corrections" as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandth of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer" the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, +.008. The temperature correction card gives a correction of −.089, to which add the sum of corrections +.008= −.081 to be used and recorded in column headed "Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the maximum and minimum temperatures as read at the time of observation. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the preceding regular observation.

44. 3,500 and 10,000 foot planes: The temperature and pressure arguments will be the same as for the sea-level pressure, and the pressure for these planes will be obtained from the tables furnished for said elevations in the same manner as the sea-level pressure and the data will be entered to hundredths of an inch only.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

46. The dry-thermometer readings will be reduced to the various planes by applying the corrections in the table furnished for reducing the "monthly temperature" to these planes.

47. Instrumental corrections will not be applied to thermometer readings except when they are ±0.3 or more in the case of mercurial thermometers, and ±0.5 or more in the case of minimum or alcohol thermometers, or at temperatures of 42° or lower; and when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet-bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is −0.5°. The true temperature is, therefore, 62.0°−0.5°=61.5°. For a reading of −8.0° the correction is −1.2°, the true temperature is −8.0°−1.2°= −9.2°. For a reading of −28.0° the correction is +7.8°, the true temperature is −28.0°+7.8°= −20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is −0.6°, and at −28.0° is −2°. The change of correction between +2° and −28° is −1.4°. For 7° it is about −0.3°. For a scale reading of −35.0°, which is 7° below −28.0°, the correction is −2.3°, and the true temperature is −35.0°−2.3° = −37.3°. When the signs of the temperature and correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer reading should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet-bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet-bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry-thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandth of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph, the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56) except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 224). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 217 and 222–227). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink. When the standard of time in local use is not 75th, 90th, 105th or 120th meridian time the 8 a. m. and 8. p. m. readings, 75th meridian time, will not be entered, but the corrections at these hours will be entered at the nearest hour, standard of time in local use, and the correction will be applied as usual.

60. In case the register fails to record for a portion of the day the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions; the means being recorded to tenths.

63. Average Hourly Reading.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. The actual time sunshine was recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The photographic record of sunshine obtained on the sensitized charts is recorded on solar time, which differs from local time by a variable amount, as shown in fig. 3, Circular G, Instrument Division. If the time error amounts to a tenth of an hour or more it must be elimi-

nated by complying with the instructions contained in paragraphs 24, 25, and 27 of Circular G, Instrument Division.

67. In tabulating the data from photographic records it will be necessary to change local mean time to the standard of time in local use. Hour lines will be ruled on the photographic record in red ink to correspond to the standard of time in local use. If the local mean time of the station is twenty minutes faster than standard of time in local use the red-ink hour lines will be ruled twenty minutes to the right of the hour lines, and if local mean time is twenty-five minutes slower than standard of time in local use the lines will be ruled twenty-five minutes to the left of the hour lines, etc. The data will then be tabulated with reference to these adjusted hour lines.

68. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the horizon was clear or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

69. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

70. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

71. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twilight correction thus entered will be included in the sums entered at the bottom of the page.

72. Under "Hours of sunshine" the column headed "Total" will be the total recorded, including twilight correction. The "Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

73. In order that the first and last of the monthly "sums" under "hours ending" shall not be discordant with the "divisors" employed at the end of the month, the first and last fractional proportions of the "twilight correction" will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

74. The "Percentage of possible hours of sunshine" will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the "Possible" for the same date.

75. The "Percentage of possible for each hour" will be determined by dividing the "Sum," multiplied by 100, by the number of hours of possible sunshine for the entire month during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the "Hours of possible sunshine" will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The "Percentage of possible" for the month will be determined by dividing the sum of column headed "Total," multiplied by 100, by the "Possible" for the month.

76. All percentages will be recorded to the nearest whole per cent.

77. If at any time the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

78. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 77, but the record for the entire time will be in black ink.

79. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of sun's disk, and note those observations on the margin of the page.

80. When the photographic sunshine recorder is used the sensitized charts containing the permanent record will be pasted on Form No. 1065, provided for that purpose, before forwarding them to the Central Office (see paragraphs 25 to 27, Circular G, Instrument Division), but all data will be tabulated on page 4, Form No. 1001, only in accordance with the special instructions given.

WIND.

81. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 181–184. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds 25 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

82. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

83. The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The

The following is an addition to paragraph 83, Instructions for Preparing Meteorological Forms:

The extreme velocity will be obtained by dividing 60 by the time (in minutes and fraction thereof) required in recording the shortest mile of wind, midnight to midnight, as shown on the wind sheets. This value will be entered daily on the right hand margin of page 7 of Form No. 1001, and immediately below the "Maximum velocity" on Form No. 1014. The heading "Extreme velocity" will precede the data on both forms.

maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

84. Whenever there is a break in the record enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

85. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

86. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form No. 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as "0," the direction for that hour will also be "0."

87. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

88. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

89. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

90. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

91. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

92. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

93. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 163). This velocity will be entered in the space provided at the top of the page.

CLOUDS.

94. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St.

95. The amount of clouds will be recorded on a scale of zero (0) to ten (10). If no clouds are visible, record zero (0); less than one-tenth, record "Few;" less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and at night, when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

96. Haze, smoke, and fog will not be recorded in tenths, but must be designated as dense or light, except when smoke or fog occurs in only a portion of the sky, then as follows: $\frac{1}{10}$ light fog in NE., W.; $\frac{2}{10}$ light smoke in W., N., etc. These fractional amounts will not be considered in footing up the columns.

97. No clouds will be recorded with dense haze. If clouds are observed, the haze will be entered as light. Haze will not be given a direction. When dense haze is observed the state of weather will be recorded as "Hazy," and when light haze is observed the state of weather will be determined from the amount of clouds.

98. Dense smoke and dense fog (unless they prevail with nimbus clouds) will not be recorded when clouds are observed, except when from the roof of a building the sky can be seen, in which case a note will be entered stating the fact, and the state of weather will be determined from the amount of clouds; otherwise, when dense smoke or dense fog is observed the weather will be recorded as "Smoky," or "Foggy," as the case may be. When light smoke or light fog is observed the state of weather will be determined from the amount of clouds.

99. Fog and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction.

100. If there be two or more kinds of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

101. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St.Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, record the clouds "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

102. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

103. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

104. The "Character of day" will be determined from data in column headed "Average cloudiness;" zero to three, inclusive, record "Clear;" four to seven, "Partly cloudy;" eight to ten, "Cloudy."

PRECIPITATION.

105. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

106. When a thunderstorm occurs the international symbol for thunderstorm (⊼) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard of time in local use, on which thunder was heard.

107. The amount of rainfall will be determined by measuring with the "measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken the amount of precipitation for that observation will be measured the same as if both observations were taken.

108. When there is danger of evaporation the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one it will be substituted therefor.

109. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain-gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation with an explanatory note.

110. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II.—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

111. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observation on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

112. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

113. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as "a" and "p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

114. The depth of snowfall (which remained on the ground for an appreciable length of time) during the preceding twenty-four hours will be entered each day in the column headed "Unmelted ..... p. m. to ..... p. m.," on page 8.

115. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as "T," and in the case of the latter a marginal note "Melted as it fell" will be entered.

116. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the mean of three measurements when the snow is drifted), will be entered in the column headed, "On ground at ..... p. m.," page 8.

117. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 115.

118. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

119. Care should be taken in determining the character of precipitation when in the form of sleet or hail. Only the precipitation that occurs in the form of frozen or partly frozen rain should be called sleet. Hail is formed by accretions consisting of concentric layers of ice, or of alternate layers of ice and snow. It frequently happens that snow falls in the form of small, round pellets, which are opaque, having the same appearance as snow when packed. This should never be recorded as sleet.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

120. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear;" four to seven tenths, inclusive, "Partly cloudy;" eight to ten tenths, "Cloudy;" and "Misting," "Sprinkling," "Light rain," "Heavy rain," "Light snow," "Heavy snow," "Sleeting," "Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 97, 98, and 105). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the "State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as "Clear."

121. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, although neither thunder has been heard nor lightning seen for one hour previous to the observation, the international symbol for thunderstorm will be entered after "State of weather."

FOOTINGS AND SUMMARY.

122*a*. No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction.

Haze, fog, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog or smoke will not be considered in the sums or averages.

f. On page 3 under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet.*

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. + p. m. ÷ 2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and mean minimum temperatures by 2. The sea-level, 3,500-foot, and 10,000-foot temperatures will be obtained by applying the corrections in the table to the monthly temperature. The 3,500-foot and 10,000-foot pressures will be obtained by using the monthly temperature as the temperature argument and the corrected monthly station pressure as the pressure argument.

h. In determining the highest and lowest pressure all regular and special observations entered in the form will be considered. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 205.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the nonexcessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In compiling the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with snow is one on which a trace or more of melted snow fell, midnight to midnight. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of column headed "Snowfall, unmelted, ... p. m. to ..... p. m.," page 8.

p. To be determined from page 6 at stations that prepare said page and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare said page. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 106.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

123. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

124. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

125. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico.

126. In the spring the date of occurrence of each frost will be recorded within and to the southward of the different zones on and after the dates set opposite the several lines upon the chart at the end of this circular.

127. All frosts occurring at any station between May 1 and August 31 will be recorded.

128. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 125.

129. Frosts will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality, and "killing," frost that is destructive to vegetation and staple products.

130. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

131. Pages 11 and 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

132. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form 1001. Subjects will be indexed by month and date.

133. The meteorological notes will be written with a typewriter and the writing should be single spaced. Both sides of the sheet will be used, and, if necessary, an additional sheet will be inserted. A press copy will not be made.

134. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

135. In describing weather conditions and phenomena it is preferred that clock time be employed. Midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

136. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

137. Noteworthy facts in regard to frosts will be recorded in accordance with paragraphs 125–130.

138. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes*. If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

139*a*. A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees, and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs in the vicinity of a station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town the distance, and direction from, should be noted.

e. The appearance of the cloud; glow, and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of the débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar and lunar; rainbows; coronas; parhelia; paraselenæ, and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed "Total" and "Possible" will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The "Percentage" will be taken from the monthly percentage of "Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. The prevailing wind direction for the year (at foot of column headed "Prevailing direction") will be determined from the sums of "Number of times observed blowing from the N., NE., etc."

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed "For the month," from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal places as the data from which it is obtained are recorded.

FORM No. 1003.

153. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed in Form No. 1002. One copy will be forwarded to the Central Office with Form No 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

154. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

155. Enter against the heading "Temperature at the end of hour" the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

156. Under "State of weather" enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be "R. B. 9.15" in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

157. On the right-hand margin of the form, opposite the heading "Nature of precipitation, etc.," the total depth of snowfall for the twenty-four hours ending at 8 p. m., 75th meridian time, will be entered.

158. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time will be entered.

159. In the spaces against the heading "Amount of precipitation" will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leave the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

160. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated and a note to that effect will be made.

161. In the spaces headed "Cloudiness and other conditions" the state of the weather will be indicated by the words "Clear," "Partly cloudy," "Cloudy," "Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and a symbol entered to indicate the phase of the moon on the date for the

maximum of each phase. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The "character of the day" will be entered in the space provided for it.

162. The space headed "Sunshine" is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

163. In like manner the spaces for "Wind direction" and "Wind movement" will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, "Maximum velocities exceeding ..... miles," will contain a statement of the maximum hourly velocity taken from Form No. 1017 or No. 1015 whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 25 miles will not be entered unless there is demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

164. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

165. Copies of the barograph and thermograph trace will be made on the diagrams at the foot of the page.

166. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting warnings of all kinds. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink, except that the notes at the bottom may be written with a typewriter.

167. All special features will be indexed.

FORMS No. 1015, No. 1017, No. 1028.

175. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made; as 75th meridian time, 90th meridian time.

176. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

177. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started, and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

178. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

179. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

180. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

181. Current Velocity, how Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.55 p. m. and 8 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4}\times12=15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7=8\frac{4}{7}$ miles, recorded as 9 miles.

182. Maximum Velocity, how Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

183. If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60\div13=4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

184. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity, find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

185. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated thus: Max. 25.

186. Current Wind Velocity, how Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between

them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12, gives a velocity of 8.4 miles per hour.

187. The total movement by register for any period will be obtained by counting the number of marks in the period.

188. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have 91 + 990 = 1081; 1081 − 950 = 131, the total movement of the wind in miles from noon to noon.

189. Velocity of Wind, Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

190. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

191. The accuracy of the anemometor record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading on the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3,283
Less twelve hours preceding 12 noon of the first day of month	70
	3,213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3,538(3
	2,970
Dial reading on first day of succeeding month	568

192. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon both readings will be recorded on the sheet just taken from the register.

193. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

194. When both sunshine and rain are recorded on the same sheet, the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

195. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

196. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (√) (\), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

197. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

198. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 26, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 109 and 110.

199. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

200. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

201. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

202. Whenever the gage is emptied at any hour other than noon, the time and the amount of precipitation in it will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

203. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available; otherwise they will be omitted.

204. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

205. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate, which will not be less than 0.05 inch in five minutes irrespective of the printed lines on the form, and the time the precipitation fell below that rate. This, however, must not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below this limit shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation, etc.," will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under "Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately, so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Depths of precipitation (in inches) during periods of time indicated.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a. m.	7.51 a. m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a. m.	8.41 a. m.	--------	2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a. m.	9.32 a. m.	--------	3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depth of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

206. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

207. In the case of the records from the tipping-bucket gage it must be remembered that, in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts, which is apt to increase with the rate of rainfall, and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

208. In general the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

209. Example 1.—The recorded amount of precipitation is 1.14 and the amount by stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded ($1.14 \div 0.09 = 12$; dropping all fractions). Therefore, in each group of 12 recorded tips one extra tip will be added, and the record thus corrected will equal the stick measurement.

210. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips ($0.86 \div 0.06 = 14$).

211. In performing the divisions indicated in these examples the observers will always drop all fractions.

212. In many cases the exact point at which a tip is added or stricken out is not of great importance, but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

213. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark (×) in red ink, and the points where tips are added by a caret (∧) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

214. Stick Measurements.—At noon, after each precipitation, the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no

stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage in accordance with the instructions given in paragraph 59 of Circular E, Instrument Division, and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an obseavation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

215. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local mean time, etc.), and date; each day's record being dated as near the noon line for that day as practicable.

216. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

217. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at an exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. When the pen is set higher or lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 223 and 224.

When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

218. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

219. Barograph Time Error.—If the barograph pen is not touched within five minutes of 12 noon a note will be entered giving the exact time the mark was made.

220. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

221. Correction Card, how Used.—Ascertain the difference between the thermograph reading and the dry-bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry-bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry-bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.

222. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.

Example.

Difference at first 8 o'clock observation: + 2 (band above middle line).
Difference at next 8 o'clock observation: − 3 (band below middle line).

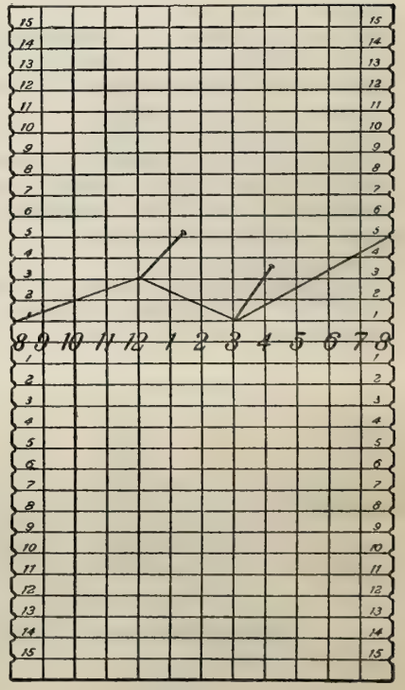
Hourly correction taken to the nearest unit.

9	10	11	12	1	2	3	4	5	6	7
+2	+1	+1	0	0	0	−1	−1	−2	−2	−3

This card also will be used in a similar manner for correcting barograph readings.

223. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 217, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and at 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.

224. The readings of the maximum and minimum thermometers at 8 a. m. and 8 p. m., 75th meridian time should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the twenty-four hours.



Thermograph correction card.

225. These corrections will also be entered on the trace sheet, and

will not be accompanied by explanatory phrases such as "correction at time of max.," "correction at time of min.," "correction at 8 a. m., etc.," as these unnecessary entries confuse the record.

226. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

227. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

228. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

229. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

230. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

231. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will also be forwarded to the Central Office on the first day of the succeeding month.

232. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

233. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

FORM No. 1083.

234. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

Chart showing areas in and dates upon which the entries of frost in Forms Nos. 1001 and 1014—Met'l begin in the spring.

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of May, *1911*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, 5978; No. of wet thermometer in use, 5905; No. of maximum thermometer in use, 15028; No of minimum thermometer in use, 10585

† Elevation above ground of the dry thermometer, 113 feet; rain gage, 107 feet; anemometer, 124 feet.

If the office has been moved during the month, give date No.; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 675; sum of corrections, .017; date and observation upon which use of station barometer commenced, May 20, 1911, at 7:00 a.m.; station elevation, 855.56 feet; actual elevation, 856 feet.

Location of office: Number Berry and Calhoun street, room 911-912; first observation taken in present office, 7.00 a m. May 20, 1911

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1911

Number of Station barometer, 656; sum of corrections, .009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ~~6.41~~ 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1																								1
2																								2
3																								3
4																								4
5																								5
6																								6
7																								7
8																								8
9																								9
10																								10
11																								11
12																								12
13																								13
14																								14
15																								15
16																								16
17																								17
18																								18
19																								19
20	84.0	29.107	-.155	28.952	29.84	70.7	68.4	67	89	.661	—	69.8	SW	6			.06	10	Nb	SW	Lt Rain		W.S.P.	20
21	83.0	29.189	-.151	29.037	29.94	69.7	66.9	66	87	.638	79.8	65.9	S	12			.32	9	St	S	Cloudy		W.S.P.	21
22	82.0	29.273	-.150	29.123	30.03	71.0	66.8	65	81	.616	74.7	64.3	S	5			.02	Few 3	A Cu. St	S	Clear		W.S.P.	22
23	77.5	29.265	-.138	29.127	30.05	64.5	61.5	60	85	.517	65.2	62.6	S	9			0	9	St	S	Cloudy		W.S.P.	23
24	74.5	29.392	-.131	29.261	30.19	61.0	55.8	52	73	.387	70.0	53.3	SW	8			0	0	0	0	Clear		W.S.P.	24
25	77.0	29.289	-.137	29.152	30.07	70.0	61.0	55	60	.432	74.8	59.3	S	8			0	5	A St	W	Pt Cloudy		W.S.P.	25
26	81.5	29.271	-.149	29.122	30.02	72.6	63.8	59	62	.499	85.2	63.8	W	6			0	0	0	0	Clear		W.S.P.	26
27	85.0	29.349	-.158	29.191	30.09	74.9	64.9	60	59	.517	87.5	64.8	SW	4			0	0	0	0	Clear		W.S.P.	27
28	88.0	29.428	-.167	29.261	30.17	72.8	63.6	58	61	.482	91.0	68.0	NW	4			0	Few	Ci. St.	W	Clear		W.S.P.	28
29	88.0	29.441	-.167	29.274	30.15	67.2	63.6	62	82	.555	87.0	63.1	N	3	38	W	.30	9	St	W	Cloudy		W.S.P.	29
30	78.0	29.451	-.140	29.310	30.24	54.0	51.2	49	83	.347	70.4	52.0	NE	9			.91	10	St	SW	Cloudy		W.S.P.	30
31	75.0	29.129	-.132	29.997	29.91	66.0	63.3	62	86	.555	68.0	60.8	SW	8			0	10	St	SW	Cloudy		W.S.P.	31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)			(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1911

Number of Station barometer, 656; sum of corrections, .009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ~~6.41~~ 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20	84.5	29.076	-.155	28.921	29.82	79.8	69.8	65	61	.616	86.9	70.7	SW	12			T	3/4	A St / SC	W / SW	Ptly Cloudy			H.T.C.	20
21	83.0	29.208	-.152	29.056	29.97	74.7	66.0	61	63	.536	82.5	69.7	S	12			T	6	St	S	Ptly Cloudy			H.T.C.	21
22	77.5	29.231	-.138	29.093	30.00	64.8	63.3	63	92	.575	80.4	64.8	SE	3	27	S	.14	9	A St.	S	Cloudy			H.T.C.	22
23	77.0	29.280	-.137	29.143	30.06	70.0	58.2	49	49	.347	78.8	64.5	W	10	32	SW	.01	1	St. Cu.	W	Clear			H.T.C.	23
24	79.0	29.330	-.142	29.188	30.11	74.8	62.8	56	51	.448	78.7	61.0	W	5			0	2	Ci	W	Clear			H.T.C.	24
25	85.0	29.207	-.158	29.049	29.94	85.2	67.7	58	40	.482	91.2	70.0	SW	8			0	Few	Ci.	W	Clear			H.T.C.	25
26	88.0	29.260	-.166	29.094	29.99	87.5	67.2	56	34	.448	92.9	72.6	N	3			0	0	0	0	Clear			H.T.C.	26
27	91.0	29.300	-.174	29.126	30.02	91.0	68.5	56	31	.448	95.3	74.9	W	3			0	Few	Ci	SW	Clear			H.T.C.	27
28	91.5	29.366	-.175	29.191	30.09	87.0	67.4	57	36	.465	94.0	72.8	S	8			0	4 / 2	St Cu. / St	W / W	Ptly Cloudy			H.T.C.	28
29	84.0	29.400	-.156	29.244	30.16	70.4	63.4	59	68	.499	81.4	67.2	NE	8			.05	6	St	W	Ptly Cloudy			H.T.C.	29
30	78.0	29.300	-.140	29.160	30.08	68.0	63.4	61	78	.536	69.0	54.0	E	3			.02	2	St	W	Clear			H.T.C.	30
31	78.0	29.120	-.139	28.981	29.90	67.0	59.3	55	64	.432	75.6	6.00	NW	16	25	N	.47	Few	St	NW	Clear			H.T.C.	31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)			(a)	(a)	(a)			(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(c)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1911

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. --p.m. to --p.m. * ‡‡	Snow unmelted. --p.m. to --p.m. * ‡‡	Hail, sleet, and snow on ground at --p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1																													1
2																													2
3																													3
4																													4
5																													5
6																													6
7																													7
8																													8
9																													9
10																													10
11																													11
12																													12
13																													13
14																													14
15																													15
16																													16
17																													17
18																													18
19																													19
Saturday 20	87	67	20 ~~17~~	—	78				R	5:50 H a	6.15a	R	6.35a	7.00a	R	4.25p	4.35p	R	10.27p	10.35p	.38								20
21	82	66	16	3 ~~4~~	74				R	2.14p	2.25p	R	7.02p	7.54p							.02								21
22	80	6~~4~~ 3	16 7	2	72				R	1.05p	6.20p										.14								22
23	79	~~63~~ 59	20	3	69				R	12.10p	12.40p										.01								23
24	79	53	26	3	66																0								24
25	91	59	32 2	10	70 5																0								25
26	93	64	29	2	78																0								26
27	96 5	65	30	2	80																0								27
28	94	63	31	2	78				R	7.28p	9.50p										.30								28
29	81	62	19	6	72				R	2.35p	3.15p	R	4.02p	4.43p							.05								29
30	69	52	17	12	60				R	DNa	6.10a	R	7.10a	8.10a	R	9.30a	11.10a				.85								30
31	76	54	22	5	65				R	8.55a	10.40a										.47								31
S----							Total excess or deficiency since January 1, ----------		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			Total excess or deficiency since January 1, ----------			(a)	(a)	(a)
M---						(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF May, 1911

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean _____)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
Corrected mean								Corrected mean			3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean.																				
Dry.			Wet.			Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
8 a. m.	8 p. m.	(8+8)÷2 (g)	8 a. m.	8 p. m.	Monthly. (g)															

Dew-point.			Relative Humidity.			Vapor Pressure.			Number of days with—(j)			
									Maximum.		Minimum.	
8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	32° or below.	90° or above.	32° or below.	Zero or below.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the—								
						N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.

WEATHER.

Mean Cloudiness.			Sunshine.	Number of Days.			Number of Days with Precipitation (Mid. to Mid.).		
8 a. m.	8 p. m.	Monthly. (t)	Percentage of possible.	Clear.	Partly cloudy.	Cloudy.	Clear. (u)	Partly cloudy. (u)	Cloudy. (u)

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts.			Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog.		Haze.		Smoke.		Hail.	Aurora.
Light.	Heavy.	Killing.					Light.	Dense.	Light.	Dense.	Light.	Dense.		

PRECIPITATION (in inches and hundredths). (m)

Total Amount.	Greatest Amount in 24 Consecutive Hours.		Excessive.						Number of days with—(Mid. to Mid.).								Snow.	
			2.50 Inches in 24 Hours. (l) *			1 Inch per Hour. (l)									Snow.			
	Am't.	Date. (k)	Am't.	Duration. h. m.	Date. (k)	Am't.	Duration. h. m.	Date. (k)	Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Trace or more.	.01 or more melted.	Total Depth. (o)	Average Depth at End of Month.

(w) Maximum precipitation in 5 minutes _____, date _____; 10 minutes _____, date _____; 15 minutes _____, date _____;

30 minutes _____, date _____; 1 hour _____, date _____; 2 hours _____, date _____

EXCESSIVE.

Date.	Total Duration.		Total am't of precipitation.	Excessive Rate.		Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
20	10.27p	10.85p	.32	10.27p	10.33p	0	.31	.32												

*The duration is the time precipitation was actually recorded.

8—154

Prepared by H. T. Collman

W. S. Tangman, Sec'd Div., Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1911

Number of Station barometer, 656; sum of corrections, −.009 inch.

Date.	Special Observations.																								Date.
	Time.		Barometer.					Thermometers.						Wind.					Clouds.						
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	
							None																		

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of June, 1911

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date No.; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 645; sum of corrections, -017; date and observation upon which use of station barometer commenced, May 20 1911 700 am.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor. Berry & Calhoun street, room 912-911; first observation taken in present office, 7.00 a m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1911

Number of Station barometer, 656; sum of corrections, -0.09 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 6.41 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	74.0	29.250	-.129	29.121	30.04	56.0	51.3	48	73	.334	67.0	50.0	NW	5			0	Few	A St.	N	Clear		W.S.P.	1
2	75.0	29.304	-.132	29.172	30.09	64.6	60.0	57	77	.465	71.7	59.1	SW	8			0	4 1	a Cu St	NW NW	Pt Cloudy		W.S.P.	2
3	75.0	29.378	-.133	29.245	30.17	61.4	60.8	60	96	.517	73.8	61.0	E	6			.54	10	Nb	NE	Sprinkling		W.S.P.	3
4	76.0	29.330	-.134	29.196	30.11	69.0	64.8	63	80	.575	77.0	66.8	E	7			0	8 1	A St St. Cu.	W W	Cloudy		W.S.P.	4
5	77.0	29.171	-.137	29.034	29.94	71.8	67.8	66	82	.638	77.6	66.7	NW	8			.01	3 Few 4	Ci St A St. St. Cu.	NW NW NW	Pt Cloudy		W.S.P.	5
6	80.5	29.205	-.146	29.059	29.97	66.2	63.2	61	85	.536	81.5	65.0	NE	8			.19	6	A St St	NW N	Cloudy		W.S.P.	6
7	80.0	29.330	-.145	29.185	30.10	66.2	63.8	62	88	.555	74.2	64.1	NE	5			0	9	St	N	Cloudy		W.S.P.	7
8	78.5	29.387	-.142	29.245	30.17	60.0	56.2	53	79	.402	69.0	55.8	E	6			0	8	St	E	Cloudy		W.S.P.	8
9	77.0	29.326	-.137	29.189	30.11	66.2	63.0	61	84	.536	70.0	61.2	S	6			0	2 4	A Cu St	N N	Pt Cloudy		W.S.P.	9
10	81.0	29.187	-.147	29.040	29.94	73.3	66.1	62	68	.555	84.0	68.9	SW	8			0	2 4	A St St	W W	Pt Cloudy		W.S.P.	10
11	87.0	29.040	-.162	28.878	29.77	75.0	67.0	63	66	.575	90.0	71.9	SW	12			0	2 1	Ci St St	W W	Pt Cloudy		W.S.P.	11
12	83.0	28.942	-.151	28.791	29.69	60.4	56.4	53	78	.402	72.7	57.2	SW	14			T	8	St	W	Cloudy		W.S.P.	12
13	76.5	28.952	-.134	28.818	29.72	60.9	55.9	52	74	.387	69.6	56.7	NW	20	24	NW	.01	9	St Cu.	NW	Cloudy		W.S.P.	13
14	74.5	29.112	-.129	28.983	29.90	61.6	55.2	51	67	.373	66.7	52.6	W	4			0	9	St	W	Cloudy		W.S.P.	14
15	73.6	29.192	-.126	29.066	29.99	58.8	53.3	49	70	.347	68.0	49.7	W	14			0	2 1	Ci St A St	NW NW	Clear		W.S.P.	15
16	73.5	29.148	-.128	29.020	29.93	63.8	57.8	54	70	.417	72.4	62.4	SW	22			0	10	St	NW	Cloudy		W.S.P.	16
17	71.0	29.036	-.120	28.916	29.84	58.8	58.6	58	99	.482	62.8	58.3	E	12			.56	10	St	W	Sprinkling		W.S.P.	17
18	70.0	29.178	-.118	29.060	29.98	60.4	59.2	58	93	.482	64.4	59.1	E	10			.01	10	St	E	Cloudy		W.S.P.	18
19	73.0	29.257	-.126	29.131	30.04	71.8	64.3	60	67	.517	75.7	61.9	N	2			0	1	A St	W	Clear		W.S.P.	19
20	78.0	29.282	-.140	29.142	30.05	72.0	62.3	57	58	.465	79.2	60.7	NW	6			0	9	0	O	Clear		W.S.P.	20
21	81.0	29.395	-.148	29.247	30.16	67.2	61.9	59	74	.499	82.8	61.7	NE	5			0	4 2	Ci St A St	N N	Pt Cloudy		W.S.P.	21
22	83.0	29.362	-.153	29.209	30.12	71.3	62.0	57	59	.465	82.4	64.3	SW	6			0	Few	A St	W	Clear		W.S.P.	22
23	86.0	29.257	-.161	29.096	30.00	74.0	65.2	60	63	.517	89.0	68.9	SW	8			0	1	A St	W	Clear		W.S.P.	23
24	88.0	29.283	-.166	29.117	30.02	73.8	70.0	68	83	.684	88.0	71.7	SW	10			T	10	St	SW	Cloudy		W.S.P.	24
25	84.0	29.166	-.155	29.011	29.91	71.5	70.7	70	96	.732	75.0	70.4	S	9			.07	10	St	S	Cloudy		W.S.P.	25
26	82.0	29.133	-.150	28.983	29.88	76.0	72.8	72	86	.783	76.0	67.7	SW	12			.38	9	St	SW	Cloudy		W.S.P.	26
27	82.0	29.124	-.149	28.975	29.87	74.0	70.8	70	85	.732	80.2	73.6	W	8			T	10	St	W	Cloudy		W.S.P.	27
28	81.0	29.295	-.148	29.147	30.06	63.3	58.3	55	74	.432	76.8	59.7	NW	6			0	2 2	St Cu. St	NW NW	Pt Cloudy		W.S.P.	28
29	79.0	29.421	-.143	29.278	30.20	62.4	58.1	55	78	.432	71.9	55.3	E	5			0	2 1	Ci St A St.	W W	Clear		W.S.P.	29
30	78.5	29.461	-.142	29.319	30.24	66.0	58.6	54	64	.417	73.7	58.9	E	3			0	Few	Ci St	N	Clear		W.S.P.	30
31																								31
Sums		(a)	(a)	872.673	900.01	1997.7	1858.4	1768	2316	16.253	(a)	(a)	(a)	231	(a)	(a)	1.77	185	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.089	30.000	66.6	61.8	58.9	77.2	.508	(a)	(a)	(c) SW	7.7	(a)	(a)	(a)	6.2	(c) St	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1911

Number of Station barometer, 656; sum of corrections, -.009 inch

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ~~6.41~~ 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	76.0	29.207	-.134	29.073	29.99	71.4	63.9	59	67	.499	76.4	56.0	SW	6			0	2	Ci	W	Clear			H.T.C	1
2	75.5	29.225	-.133	29.092	30.00	73.8	64.3	59	60	.499	76.4	64.6	SW	4			T	10	St	SW	Cloudy			H.T.C	2
3	79.0	29.311	-.142	29.169	30.09	77.0	70.7	68	74	.684	80.4	61.4	E	4	28	SW	.12	4	St	SW	Pt Cloudy			H.T.C	3
4	78.0	29.135	-.139	28.996	29.90	76.3	69.8	67	72	.661	83.8	69.0	S	12			.18	5	St	SW	Pt Cloudy			H.T.C	4
5	82.0	29.120	-.139	28.981	29.87	81.5	68.0	61	50	.536	85.4	71.8	NE	4			0	Few	Ci	W	Clear			H.T.C	5
6	81.5	29.210	-.149	29.061	29.97	74.2	68.2	65	74	.616	78.9	66.2	NW	6			0	2 Few	Ci St	W W	Clear			H.T.C	6
7	81.0	29.346	-.148	29.198	30.12	69.0	62.5	59	70	.499	76.9	66.2	NE	12			0	4	St	N	Pt Cloudy			H.T.C	7
8	79.0	29.320	-.142	29.178	30.10	70.0	64.0	61	72	.536	72.4	66.0	SE	4			0	2 Few	Ci St	W NW	Clear			H.T.C	8
9	83.0	29.160	-.152	29.008	29.91	84.0	71.0	65	53	.616	90.0	66.2	S	10			0	0	0	0	Clear			H.T.C	9
10	90.5	29.081	-.171	28.910	29.80	90.0	72.0	~~58~~ 64	~~60~~ 42	~~.482~~ .595	96.2	73.3	SW	6			0	2	St	W	Clear			H.T.C	10
11	87.0	28.988	-.162	28.826	29.72	72.5	63.0	58	60	.482	84.2	72.5	W	8	33	NW	.01	9	St	W	Cloudy			H.T.C	11
12	80.5	28.928	-.145	28.783	29.68	69.6	59.5	52	55	.387	72.9	60.4	W	10	20	~~NW~~	0	6	St	W	Pt Cloudy			H.T.C	12
13	77.0	29.066	-.136	28.930	29.84	66.0	54.0	44	45	.287	70.4	60.9	NW	16+	26	NW	0	2	Ci	W	Clear			H.T.C	13
14	77.0	29.096	-.136	28.960	29.88	68.0	61.8	58	71	.482	70.5	58.7	W	4			.14	2	St	W	Clear			H.T.C	14
15	74.5	29.140	-.130	29.010	29.93	72.4	59.9	51	48	.373	78.4	58.8	NW	5			0	9	Ci St	W	Cloudy			H.T.C	15
16	72.5	29.091	-.124	28.967	29.89	62.5	59.0	56	82	.448	64.0	61.6	SE	4			.29	7	Ci St Cu	W S	Cloudy			H.T.C	16
17	71.0	29.019	-.120	28.899	29.82	64.4	64.4	64	100	.595	66.8	58.8	E	10			.04	10	Nb	NW	Lt Rain			H.T.C	17
18	74.5	29.184	-.130	29.054	29.96	75.0	64.0	58	55	.482	78.9	60.4	E	4			0	2	Ci	W	Clear			H.T.C	18
19	82.0	29.222	-.150	29.072	29.98	79.2	65.2	57	47	.465	84.7	71.8	N	8			0	Few	St Cu	NW	Clear			H.T.C	19
20	83.0	29.246	-.152	29.094	30.00	82.8	68.0	60	47	.517	89.4	72.0	NE	8			0	Few	St Cu	NW	Clear			H.T.C	20
21	84.5	29.330	-.157	29.173	30.08	82.4	63.0	~~50~~	33	~~36.0~~	85.4	67.2	E	3			0	0	0	0	Clear			H.T.C	21
22	88.0	29.244	-.165	29.079	29.98	89.0	71.0	62	42	.555	92.9	71.3	SW	4			0	Few	St Cu	W	Clear			H.T.C	22
23	91.0	29.184	-.173	29.011	29.90	88.0	70.0	61	41	.536	93.8	74.0	S	6			0	4 1	Ci St Cu St	W S	Pt Cloudy			H.T.C	23
24	85.5	29.200	-.159	29.041	29.94	75.0	72.0	71	87	.757	84.1	73.2	SE	5			.33	10	St Cu	S	Cloudy			H.T.C	24
25	84.0	29.105	-.155	28.950	29.86	69.2	69.2	69	100	.707	80.0	69.6	NW	6			1.51	10	Nb	W	Heavy Rain			H.T.C	25
26	83.5	29.072	-.153	28.919	29.81	80.2	71.2	67	64	.661	85.8	76.0	SW	12	25	S	0	4	Ci St	W W	Pt Cloudy			H.T.C	26
27	83.5	29.144	-.154	28.990	29.89	76.8	65.0	58	53	.482	81.8	74.0	W	12			.02	2	St	W	Clear			H.T.C	27
28	81.5	29.302	-.149	29.153	30.07	71.9	61.4	55	55	.432	74.3	63.3	N	6			0	Few	Ci	W	Clear			H.T.C	28
29	80.0	29.374	-.145	29.229	30.15	73.7	64.2	59	60	.499	78.1	62.4	E	6			0	0	0	0	Clear			H.T.C	29
30	82.0	29.388	-.151	29.237	30.15	81.0	67.0	60	48	.517	84.2	66.0	E	3			0	0	0	0	Clear			H.T.C	30
31																									31
Sums	(a)	(a)		871.033	898.28	2266.8	1967.2	1798	1827	15.765	(a)	(a)	(a)	208	(a)	(a)	2.64	113	(a)	(a)	(a)	0	0	(a)	(a)
Means	(a)	(a)		29.034	29.943	75.6	65.6	59.9	60.9	.526	(a)	(a)	(c) E	6.9	(a)	(a)	(a)	3.8	(c) St	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

8—154

+by eye obs. anemometer current out of order

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1911

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b). ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In	
Thursday 1	76	50	26	2	63																0								1
2	76	59	17	5	68				R	12.02p	1.30p										T								2
3	80	61	19	2	70				R	DNa	9.48a										.66								3
4	84	67	17	6	76				R	10.55a	11.45a	R	DNp	DNp							.19								4
5	85	67	18	0	76																0								5
6	79	65	14	4	72				R	5.14a	6.20a										.19								6
7	77	58	19	4	68																0								7
8	72	56	16	4	64																0								8
9	90	61	29	12	76																0								9
10	96	69	27	6	82																0								10
11	84	61	23	10	72				R	8.15a	9.00a	R	7.10p	7.40p							.01								11
12	73	57	16	7	65				R	8.30p	9.13p										.01								12
13	70	56	14	2	63																0								13
14	70	53	17	1	62				R	11.00a	1.00p										.14								14
15	78	56	28	2	64																0								15
16	64	60	4	2	62				R	7.00a	7.10a	R	7.30a	2.50p	R	5.15p	5.45p				.29								16
17	67	58	9	0	62				R	DNa	7.12a	R	9.34a	1.35p	R	3.30p	4.20p	R	6.30p	7.10p	.61								17
18	79	59	20	7	69																0								18
19	85	62	23	5	74																0								19
20	89	61	28	1	75																0								20
21	85	62	23	1	74																0								21
22	93	64	29	4	78																0								22
23	94	69	25	4	82																0								23
24	84	71	13	4	78				R	DNa	DNa	R	8.30a	9.45a	R	12.30p	1.10p	R R	3.38p 7.35p	4.18p DNp	.38								24
25	80	68	12	4	74				R	6.07a	6.38a	R	10.10a	12.32p	R	12.18p	3.10p	R	6.27p	10.40p	1.80								25
26	86	69	17	4	78				R	DNa	DNa										.11								26
27	82	66	16	4	74				R	DNa	DNa	R	9.20a	10.14a							.02								27
28	74	60	14	7	67																0								28
29	78	55	23	1	66																0								29
30	84	59	25	6	72																0								30
31																													31
S	2414	1833	581	121	2126		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.41		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	80.5	61.1	19.4	4.0	70.9	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF June, 1911.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.089	29.034	29.062	29.319	30	28.783	12	.536	30.000	29.943	29.972	30.24	30	29.68	12	0.56
Corrected mean		29.058						Corrected mean		29.968	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
66.6	75.6	71.1	61.8	65.6	63.7	80.5	61.1	70.8				96	10	50	15	46	29	9	4	16

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
58.9	59.9	59.4	77.2	60.9	69.0	.508	.526	.517	0	4	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5576	7.7	SW	33	NW	11"	3	6	13	3	5	14	7	9	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.2	3.8	5.5 ~~5.0~~	64 ~~60~~	10	7	13	0	4	8

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	3-4-6-11 17-25-27	0	0	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.41	1.91	25" 26"	—	0	—	—	0	—	1	12	9	5	1	13	0	0	0	0

(w) Maximum precipitation in 5 minutes .33, date 25"; 10 minutes .52, date 25"; 15 minutes .64, date 25";
30 minutes .94, date 25"; 1 hour .99, date 25"; 2 hours 1.17, date 25"

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
25	2.18p	3.10p	.38	2.34p	2.44p	.02	.16	.31												
25	6.27p	10.40p	1.18	6.29p	6.59p	T.01	.12	.23	.45	.75	.86	.94								

*The duration is the time precipitation was actually recorded.

8—154

Prepared by H. T. Coleman

F. S. Palmer L.T., Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Port Wayne, Ind., for the Month of June, 1911

Number of Station barometer, 656; sum of corrections, .009 inch.

Date.	Special Observations.																									Date.
	Time.		Barometer.					Thermometers.						Wind.					Clouds.							
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	
								None																	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of July, 1911

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 675; sum of corrections, .017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor. Berry & Calhoun streets, room 911-912; first observation taken in present office, 7.00 a m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1911

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 6.41 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	81.5	29.429	-.150	29.279	30.19	76.0	63.2	55	49	.432	81.3	68.1	SW	3			0	Few	Cu. Cu.	W	Clear		W.S.P.	1
2	85.0	29.342	-.158	29.184	30.08	79.0	69.5	65	62	.616	88.0	72.1	SW	5			0	3	Ci. St.	S	Pt Cloudy		W.S.P.	2
3	89.0	29.299	-.169	29.130	30.02	80.8	72.2	69	66	.707	92.9	74.9	SW	5			0	4	A. St.	S	Clear		W.S.P.	3
4	91.0	29.304	-.174	29.130	30.03	83.8	72.4	67	58	.661	84.0	74.1	S	1			0	0	0	0	Clear		W.S.P.	4
5	92.0	29.318	-.177	29.141	30.03	78.2	70.5	67	68	.661	90.0	74.9	SW	12			.04	2	Ci. St.	W	Clear		W.S.P.	5
6	91.0	29.340	-.174	29.166	30.06	78.7	72.0	69	72	.707	91.0	74.3	SW	9			0	1	Ci St	SW	Clear		W.S.P.	6
7	88.0	29.399	-.166	29.233	30.15	69.6	62.8	59	69	.499	83.0	67.3	NE	9			0	2	Ci St	SW	Clear		W.S.P.	7
8	86.0	29.341	-.161	29.180	30.08	74.0	68.0	65	74	.616	83.2	68.0	E	5			0	3	A St	NW	Cloudy		W.S.P.	8
9	87.0	29.372	-.163	29.209	30.11	77.0	71.3	69	76	.707	87.0	72.0	SW	12			0	3	St	NW	Clear		W.S.P.	9
10	88.5	29.359	-.167	29.192	30.09	78.0	71.2	68	72	.684	89.6	73.7	SW	5			0	1	A. St.	W	Clear		W.S.P.	10
11	84.0	29.292	-.156	29.136	30.05	75.0	71.0	69	82	.707	76.5	69.8	SW	10			0	Few	Ci St	SW	Clear		W.S.P.	11
12	84.5	29.296	-.157	29.139	30.04	72.5	66.0	62	71	.555	83.0	67.8	SW	8			0	2	St. Cu.	SW	Clear		W.S.P.	12
13	81.0	29.433	-.149	29.284	30.20	67.2	59.5	55	64	.432	76.0	59.2	NW	3			0	1	A St	SW	Clear		H.F.C.	13
14	81.0	29.442	-.149	29.293	30.21	69.8	58.8	51	52	.373	78.7	58.9	N	5			0	0	0	0	Clear		W.S.P.	14
15	81.0	29.374	-.148	29.226	30.15	66.5	56.5	49	54	.347	77.8	58.2	SW	9			0	3	A St	NW	Pt Cloudy		W.S.P.	15
16	82.5	29.229	-.151	29.078	29.98	67.8	62.5	59	75	.499	83.6	67.0	SW	4	26	N	T	3	Ci St	W	Pt Cloudy		W.S.P.	16
17	78.0	29.197	-.139	29.058	29.98	58.8	54.4	51	73	.373	64.8	54.0	N	10			.01	10	St	SW	Cloudy		W.S.P.	17
18	77.0	29.281	-.137	29.144	30.06	62.0	54.0	48	60	.334	70.6	56.3	SW	9			0	1	Ci	NW	Clear		W.S.P.	18
19	77.0	29.213	-.137	29.076	29.99	67.0	58.5	53	60	.402	77.0	65.8	SW	6			T	3	Ci St	W	Pt Cloudy		W.S.P.	19
20	76.0	29.229	-.134	29.095	30.01	68.0	61.0	57	67	.465	72.5	65.0	NE	6			0	2	A St	W	Pt Cloudy		W.S.P.	20
21	79.0	29.113	-.141	28.972	29.87	67.8	64.0	62	82	.555	78.0	61.3	SW	10			0	10	Nb.	SW	Sprinkling		W.S.P.	21
22	77.0	29.211	-.137	29.074	29.99	62.8	54.3	48	58	.334	71.5	54.2	NW	5			0	6	St	N	Pt Cloudy		W.S.P.	22
23	78.0	29.136	-.139	28.997	29.91	64.4	55.9	49	58	.347	73.2	57.4	SE	5			0	0	0	0	Clear		W.S.P.	23
24	73.0	28.951	-.125	28.826	29.74	59.2	52.9	48	66	.334	71.0	58.8	W	24	33	W	.40	7	A St	W	Pt Cloudy		W.S.P.	24
25	70.0	29.217	-.118	29.099	30.02	55.2	51.0	48	75	.334	60.2	48.8	SW	10	30	SW	0	3	St Cu.	W	Clear		W.S.P.	25
26	68.0	29.377	-.114	29.263	30.19	56.0	53.5	52	85	.387	61.0	50.2	SW	2			0	0	0	0	Clear		W.S.P.	26
27	70.0	29.325	-.119	29.334	30.26	64.0	55.0	48	56	.334	69.2	54.7	S	1			0	1	Ci St	W	Clear		W.S.P.	27
28	73.5	29.323	-.128	29.195	30.11	66.7	56.2	48	52	.334	76.0	58.3	SE	4			0	0	0	0	Clear		W.S.P.	28
29	75.0	29.292	-.132	29.160	30.08	66.0	62.0	60	80	.517	77.2	66.0	W	7			.02	2	A St	NW	Clear		W.S.P.	29
30	74.5	29.354	-.130	29.224	30.14	65.3	64.8	64	97	.595	72.8	61.2	S	5			0	10	Nb. St	SW	Lt Rain		W.S.P.	30
31	78.0	29.289	-.140	29.149	30.06	71.0	65.8	63	76	.575	83.0	65.5	S	3			0	10	Lt Fog	S	Cloudy		W.S.P.	31
																		2	Ci St	NW	Clear		W.S.P.	
Sums	(a)	(a)	(a)	903.666	931.88	2148.1	1930.7	1797	2109	15.423	(a)	(a)	(a)	212	(a)	(a)	0.47	106	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.151	30.061	69.3	62.3	58.0	68.0	.498	(a)	(a)	(c) SW	6.8	(a)	(a)	(a)	3.3 3.4	(c) Ci St | A St	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1911

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 6.41 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	86.0	29.328	-.161	29.167	30.07	88.0	72.0	65	46	.616	93.0	76.0	NE	2			0	8	Ci St	W	Cloudy			HTC	1
2	90.0	29.253	-.171	29.082	29.97	92.0	73.0	64	40	.595	96.7	79.0	NE	2			0	few	Ci	W	Clear			HTC	2
3	93.0	29.256	-.179	29.077	29.98	81.0	71.0	66	62	.638	99.2	80.0	W	12	26	SW	.03	6 3	A St St Cu	SW SW	Cloudy			HTC	3
4	94.0	29.280	-.182	29.098	29.99	87.0	72.0	65	48	.616	99.5	83.8	SE	18			0	4 3	A St St Cu	W W	Pt Cloudy			HTC	4
5	94.0	29.265	-.182	29.083	29.97	91.0	76.0	70	50	.732	98.0	78.2	S	5			0	1	A St	W	Clear			HTC	5
6	89.5	29.324	-.170	29.154	30.05	83.0	73.0	69	62	.707	90.2	78.7	NW	12			0	8	St Cu	NW	Cloudy			HTC	6
7	88.0	29.308	-.166	29.142	30.05	83.2	71.2	65	56	.616	86.4	69.6	E	6			0	4	Ci	W	Pt Cloudy			HTC	7
8	90.0	29.272	-.171	29.101	30.00	87.0	75.0	70	58	.732	94.0	74.0	S	8			0	4 2	A St St Cu	W SW	Pt Cloudy			HTC	8
9	92.0	29.286	-.177	29.109	30.00	89.6	73.0	65	45	.616	92.4	77.0	SW	12			0	5	St Cu	W	Pt Cloudy			HTC	9
10	86.5	29.288	-.162	29.126	30.04	76.5	71.0	68	76	.684	88.7	76.4	SW	8			.32	9	St	SW	Cloudy			HTC	10
11	87.0	29.232	-.163	29.069	29.97	83.0	72.0	67	58	.661	91.8	75.0	SW	6			0	9	St	W	Cloudy			HTC	11
12	83.5	29.310	-.154	29.156	30.07	76.0	62.0	53	45	.402	81.4	72.5	NW	8			0	1	Ci	NW	Clear			HTC	12
13	84.0	29.378	-.156	29.222	30.13	78.5	59.5	45	31	.298	82.0	67.2	NW	5			0	1	Ci	NW	Clear			HTC	13
14	84.0	29.354	-.156	29.198	30.11	77.8	61.8	52	40	.387	84.9	69.8	N	5			0	1	St	N	Clear			HTC	14
15	84.0	29.236	-.155	29.081	29.99	83.6	63.6	51	32	.373	88.2	66.5	NW	(6.50 P) 12	~~26~~	~~SW~~	T	6	St	W	Pt Cloudy			HTC	15
16	81.0	29.164	-.147	29.017	29.94	63.0	61.0	60	90	.517	79.4	61.3	SW	8			.78	9	St	W	Cloudy			HTC	16
17	80.0	29.212	-.145	29.067	29.99	70.6	56.6	46	41	.310	73.2	58.8	N	6			0	1 1	Ci St	W NW	Clear			HTC	17
18	79.0	29.216	-.142	29.074	29.98	77.0	60.0	48	36	.334	82.6	62.0	S	6			0	4 4	A St St Cu	SW S	Cloudy			HTC	18
19	78.0	29.183	-.139	29.044	29.95	72.5	64.0	60	63	.517	78.2	64.6	SW	12	27	SW	.05	few 6	Ci St	W SW	Pt Cloudy			HTC	19
20	80.5	29.139	-.146	28.993	29.89	78.0	65.0	58	50	.482	82.4	68.0	N	5			0	0	0	0	Clear			HTC	20
21	81.5	29.126	-.149	28.977	29.89	71.5	58.0	48	44	.334	83.3	67.8	NW	12			0	2	A St	W	Clear			HTC	21
22	80.5	29.164	-.146	29.018	29.93	73.2	59.2	49	43	.347	80.1	62.8	NW	12			0	4 1	Ci St	W NW	Pt Cloudy			HTC	22
23	77.0	28.816	-.135	28.681	29.58	62.9	62.9	63	100	.575	76.8	62.9	SE	10			.46	10	Nb	SE	Lt Rain			HTC	23
24	74.0	29.118	-.128	28.990	29.91	60.2	52.7	46	61	.310	69.1	57.3	W	(6.56 P) 20	39	W	.01	6	St	NW	Pt Cloudy			HTC	24
25	69.0	29.235	-.116	29.119	30.04	61.0	56.7	53	77	.402	68.2	55.2	W	4			.04	9	St	W	Cloudy			HTC	25
26	71.5	29.372	-.122	29.250	30.18	69.2	58.2	50	51	.360	72.8	56.0	SE	2			0	2	St	SW	Clear			HTC	26
27	77.0	29.345	-.137	29.208	30.13	76.0	59.0	46	35	.310	79.3	64.0	SE	6			0	1	Ci	SW	Clear			HTC	27
28	76.0	29.248	-.134	29.114	30.02	77.2	63.2	54	46	.417	84.8	66.7	S	6			0	10	St	S	Cloudy			HTC	28
29	76.0	29.284	-.134	29.150	30.06	72.8	64.8	61	65	.536	74.9	65.2	S	10			.03	1 2	Ci St	SW SW	Clear			HTC	29
30	79.0	29.288	-.142	29.146	30.06	83.0	67.0	58	44	.482	85.2	65.3	W	1			0	1	Ci	W	Clear	BDNa E 7.30 P		HTC	30
31	82.5	29.153	-.151	29.002	29.90	82.0	69.0	63	52	.575	88.2	71.0	S	10			0	5	St Cu	S	Pt Cldy			HTC	31
Sums		(a)	(a)	901.715	929.84	2407.3	2023.4	1798	1647	15481	(a)	(a)	(a)	251	(a)	(a)	1.72	154	(a)	(a)	(a)	1		(a)	(a)
Means		(a)	(a)	29.088	29.995	77.7	65.3	58.0	53.1	.499	(a)	(a)	(c) S NW	8.1	(a)	(a)	(a)	5.0	(c) St	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 191 1

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m.* ‡‡	Snow unmelted. 7 p.m. to 7 p.m.* ‡‡	Hail, sleet, and snow on ground at 7 p.m.* ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Saturday 1	93	68	25	8	80																0								1
2	97	72	25	4	84																0								2
3	99	75	24	3	87																.07								3 R
4	100	74	26	0	87																0								4 R
5	98	75	23	1	86																0								5
6	90	74	16	4	82																0								6 R
7	86	67	19	6	76																0								7
8	94	68	26	5	81																0								8 R
9	92	72	20	1	82																0								9
10	89	73	16	1	81																.32								10 R
11	92	70	22	0	81																0								11
12	81	63	18	9	72																0								12
13	82	59	23	2	70																0								13
14	85	59	26	2	72																0								14
15	88	58	30	1	73																T								15
16	79	59	20	4	69																.79								16 R
17	73	54	19	5	64																0								17
18	83	56	27	6	70																0								18
19	78	65	13	2	72																.05								19 R
20	82	65	17	2	74																0								20
21	83	59	24	3	71																0								21
22	80	54	26	4	67																0								22
23	77	57	20	0	67																.85								23
24	71	51	20	6	61																.02								24
25	68	49	19	3	58																.04								25
26	73	50	23	4	62																0								26
27	79	55	24	5	67																0								27
28	85	58	27	5	72																0								28
29	75	63	12	3	69																.05								29
30	85	61	24	4	73																0								30
31	88	66	22	4	77																0								31
S	2625	1949	676	107	2287		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.17		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	84.7	62.9	21.8	3.5	73.8	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF July 1911, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.003)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.151	29.088	29.120	29.334	27	28.681	23	0.653	30.061	29.995	30.028	30.26	27	29.58	23	0.68
Corrected mean		29.117						Corrected mean		30.025	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
69.3	77.7	73.5 ~~62.3~~	62.3	65.3	63.8 ~~64.3~~	84.7	62.9	73.8				100	4	49	25	51	30	15	12	29

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
58.0	58.0	58.0	68.0	53.1	60.6	.498	.499	.498	0	9	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5659	7.6	S'W	39	W	24	5	4	2	6	10	20	6	9	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.4	5.0	4.7	71	13	12	6	1	1	6

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	3-4-6-8-10 16-19	0	0	0	30	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1-inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.19	0.85	23	—	0	—	—	0	—	1	8	7	3	0	9	0	0	0	0

(w) Maximum precipitation in 5 minutes .23, date 10; 10 minutes .37, date 16; 15 minutes .43, date 16;
30 minutes .48, date 16; 1 hour .55, date 16; 2 hours .78, date 16

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
10	2.35p	3.00p	.32	2.42p	2.52p	T	.21	.30												
16	2.44p	4.50p	.78	2.47p	3.12p	~~T~~ .01	.13	.33	.43	~~.46~~	~~.46~~									

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ C. S. Palmer, L. Fore, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

Date.	SPECIAL OBSERVATIONS.																								Date.
	Time.		Barometer.					Thermometers.						Wind.					Clouds.						
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	
								None.																	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of August, *1911*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor. Berry & Calhoun street, room 911-912; first observation taken in present office, 7.00 a.m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1911

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 9.0 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ~~6.44~~ 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	80.5	29.095	-.145	28.950	29.85	72.0	67.3	65	79	.616	82.0	68.8	S	12			0	9	St	SW	Cloudy		W.S.P.	1
2	79.0	29.181	-.142	29.039	29.95	67.0	65.8	65	94	.616	74.8	65.6	SW	6			7	10	St	SW	Cloudy		W.S.P.	2
3	78.0	29.255	-.140	29.115	30.02	66.8	60.3	56	69	.448	74.2	63.1	E	2			.01	1 3	A St St	W SW	Clear		W.S.P.	3
4	79.5	29.214	-.143	29.071	29.98	71.8	66.3	64	75	.595	78.0	67.0	S	6			0	2 4	Ac.Cu. St.Cu. St	SW SW SW	Cloudy		W.S.P.	4
5	81.0	29.231	-.147	29.084	29.99	74.8	68.8	66	74	.638	77.5	69.8	S	2			0	2 Few	Ci.St. St	W W	Clear		W.S.P.	5
6	82.5	29.258	-.152	29.106	30.02	73.5	66.0	62	68	.555	79.0	66.9	N	4			0	0	0	0	Clear		W.S.P.	6
7	85.0	29.235	-.158	29.077	29.98	75.0	70.7	68	81	.684	86.3	70.1	SW	8			.14	7	A St	W	Pt Cloudy		W.S.P.	7
8	83.0	29.141	-.152	28.989	29.88	74.6	69.9	68	79	.684	82.5	70.9	W	8			0	Few 2	Ci St A St.	W W	Clear		W.S.P.	8
9	87.0	29.329	-.163	29.166	30.09	68.8	62.8	60	72	.517	76.0	61.7	E	4			0	1	A St	SW	Clear		W.S.P.	9
10	84.5	29.340	-.157	29.183	30.08	74.1	65.6	61	64	.536	85.0	65.7	SW	4			0	4 3 Few	A St St Ci	W W W	Pt Cloudy		W.S.P.	10
11	87.5	29.416	-.165	29.251	30.16	74.0	67.8	65	73	.616	91.5	72.2	NW	12			0	10	St	NW	Cloudy		W.S.P.	11
12	82.5	29.418	-.152	29.266	30.20	60.3	60.3	60	100	.517	73.0	60.1	E	8	31	NW	.53	10	Nb.	E	Sprinkling		W.S.P.	12
13	81.0	29.404	-.148	29.256	30.18	70.0	69.0	69	95	.707	74.8	68.0	N	9			.20	10	St	N	Threatening		W.S.P.	13
14	81.0	29.334	-.148	29.186	30.10	74.6	69.8	68	79	.684	75.0	69.0	E	2			0	Few	A St	W	Clear		W.S.P.	14
15	81.5	29.206	-.149	29.057	29.97	68.3	66.1	65	89	.616	78.2	68.3	NW	8			.04	10	Nb	NW	Lt Rain		W.S.P.	15
16	81.5	29.257	-.149	29.108	30.02	68.0	64.8	63	84	.575	78.3	62.0	W	5			0	2	A St.	W	Clear		W.S.P.	16
17	83.5	29.187	-.154	29.033	29.92	73.3	66.8	63	71	.575	82.0	69.7	W	5			0	8	St	W	Cloudy		W.S.P.	17
18	79.5	29.221	-.143	29.078	29.99	67.8	63.3	61	78	.536	77.5	63.8	NW	10			0	3	St	NW	Clear		W.S.P.	18
19	77.5	29.355	-.138	29.217	30.14	58.8	53.0	48	69	.334	70.4	54.0	N	5			0	5	Ci St	NW	Pt Cloudy		W.S.P.	19
20	76.5	29.315	-.136	29.179	30.10	59.3	53.8	49	70	.347	68.2	53.2	NE	3			0	0	0	0	Clear		W.S.P.	20
21	77.0	29.304	-.137	29.167	30.09	62.4	54.8	49	62	.347	72.0	55.0	SE	4			0	2 6	Ci St A St	W W	Cloudy		W.S.P.	21
22	77.0	29.221	-.137	29.084	29.99	64.5	56.2	50	60	.360	76.9	58.7	SW	8			0	2 7	A St St	W W	Cloudy		W.S.P.	22
23	75.0	29.407	-.133	29.274	30.20	59.6	57.0	55	86	.432	70.0	58.9	NE	12			0	10	St	NE	Cloudy		W.S.P.	23
24	72.0	29.356	-.124	29.232	30.15	57.3	56.6	56	96	.448	63.0	56.9	NE	14			.28	10	Nb	NE	Lt Rain		W.S.P.	24
25	70.0	29.210	-.118	29.092	30.02	57.4	57.2	57	99	.465	57.4	56.0	NE	7			.02	10 —	St Lt Fog	NE NE	Cloudy		W.S.P.	25
26	70.0	29.302	-.119	29.183	30.10	59.2	56.9	56	87	.448	67.5	53.6	N	2			0	2 4	Ci St A St	NW NW	Pt Cloudy		W.S.P.	26
27	72.0	29.235	-.124	29.111	30.02	67.0	64.8	64	89	.595	72.2	64.7	SW	6			0	3	A St	W	Clear		W.S.P.	27
28	76.0	29.156	-.134	29.022	29.92	70.0	67.3	66	87	.638	79.0	69.1	NW	7			0	10	St	NW	Cloudy		W.S.P.	28
29	73.5	29.435	-.129	29.306	30.24	53.2	48.8	45	73	.298	64.0	49.0	NE	12			0	Few	St	N	Clear		W.S.P.	29
30	72.0	29.432	-.125	29.307	30.24	51.8	49.1	46	83	.310	62.9	46.7	NE	10			0	0	0	0	Clear		W.S.P.	30
31	71.5	29.289	-.122	29.167	30.09	56.8	54.8	54	88	.417	63.4	52.2	E	2			0	1	A St.	W	Clear		W.S.P.	31
Sums		(a)	(a)	903.356	931.68	2052.0	1921.7	1844	2473	16.154	(a)	(a)	(a)	207	(a)	(a)	1.22	174	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.141	30.054	66.2	62.0	59.5	79.8	.521	(a)	(a)	(c) NE	6.7	(a)	(a)	(a)	5.6	(c) St	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1911

Number of Station barometer, 656; sum of corrections, -.009 inch. 7.19

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 700 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 641 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	81.0	29.074	-.146	28.928	29.83	74.8	71.3	70	84	.732	80.0	69.4	SE	8			.51	4	St Cu	SW	Pt Cloudy			H.T.C.	1
2	79.0	29.222	-.142	29.080	29.99	74.2	65.2	60	62	.517	80.3	67.0	NW	5			0	5 3	Ci St St	W NW	Cloudy			H.T.C.	2
3	81.0	29.220	-.147	29.073	29.98	78.0	67.8	63	59	.575	83.8	66.8	E	6			0	1 1	Ci St	W S	Clear			H.T.C.	3
4	82.0	29.174	-.150	29.024	29.92	77.5	71.0	68	73	.684	83.5	71.8	SE	6			.01	2 2	Ci St Cu	SW S	Pt Cloudy			H.T.C.	4
5	84.0	29.196	-.155	29.041	29.94	79.0	69.0	64	60	.595	88.2	74.8	SW	8			0	6 3	A St St Cu	SW SW	Cloudy			H.T.C.	5
6	86.0	29.192	-.160	29.032	29.92	86.0	71.0	64	58	.595	91.9	73.5	E	4			0	2	St Cu	W	Clear			H.T.C.	6
7	92.0	29.112	-.176	28.936	29.83	82.5	70.5	64	55	.595	87.2	75.0	SW	8			.13	1	Ci	W	Clear			H.T.C.	7
8	86.0	29.204	-.160	29.044	29.94	76.0	64.0	57	52	.465	84.5	74.6	NW	10			0	2	Ci	NW	Clear			H.T.C.	8
9	87.0	29.260	-.163	29.097	30.01	85.0	69.0	61	44	.536	90.9	68.8	S	3			0	5 few	A St Ci	SW W	Pt Cloudy			H.T.C.	9
10	93.0	29.256	-.179	29.077	29.97	91.5	71.5	62	38	.555	97.1	74.1	W	6			0	1	St	W	Clear			H.T.C.	10
11	88.0	29.394	-.166	29.228	30.14	73.0	65.8	62	68	.555	85.4	73.0	NE	14			0	1	Ci	NW	Clear			H.T.C.	11
12	82.0	29.350	-.150	29.200	30.12	74.8	70.3	68	80	.684	77.4	60.3	NW	4			T	6	St Cu	NW	Pt Cloudy			H.T.C.	12
13	82.0	29.332	-.150	29.182	30.10	73.0	68.6	66	80	.638	85.0	68.5	SE	5			.14	9	St	W	Cloudy			H.T.C.	13
14	84.0	29.193	-.155	29.038	29.94	78.2	71.7	69	73	.707	88.8	74.6	S	6	25	SW	0	2	Ci St	W	Clear			H.T.C.	14
15	84.0	29.196	-.155	29.041	29.94	78.3	70.8	67	69	.661	83.6	68.3	NW	8			T	0	0	0	Clear			H.T.C.	15
16	86.0	29.152	-.160	28.992	29.89	82.0	68.8	63	51	.575	89.8	68.0	SW	6			0	4 2	Ci St	W W	Pt Cloudy			H.T.C.	16
17	82.0	29.151	-.150	29.001	29.90	77.5	71.5	68	75	.684	82.7	73.3	W	4			0	2 3	Ci St Cu	W W	Pt Cloudy			H.T.C.	17
18	83.0	29.251	-.153	29.098	30.01	70.4	58.9	51	50	.373	79.8	67.8	NW	12			0	1	St	NW	Clear			H.T.C.	18
19	82.0	29.297	-.150	29.147	30.07	68.2	56.2	47	47	.322	73.2	58.8	N	4			0	2	St	NW	Clear			H.T.C.	19
20	82.0	29.269	-.150	29.119	30.04	72.0	58.2	48	43	.334	76.8	59.3	N	5			0	0	0	0	Clear			H.T.C.	20
21	80.0	29.194	-.145	29.049	29.96	76.9	60.9	50	39	.360	82.3	62.4	SE	8			0	2	Ci St	SW	Clear			H.T.C.	21
22	76.0	29.288	-.134	29.154	30.07	70.0	68.8	69	94	.707	79.2	64.5	W	6			.11	10	St	W	Cloudy			H.T.C.	22
23	73.0	29.376	-.127	29.249	30.18	61.3	59.8	59	92	.499	63.4	59.6	NE	4			.02	10	St	SE	Cloudy			H.T.C.	23
24	72.0	29.208	-.124	29.084	30.01	57.2	57.2	57	100	.465	57.4	53.7	NE	10			.70	10	Nb	NE	Lt Rain			H.T.C.	24
25	75.0	29.211	-.132	29.079	30.00	67.5	62.1	59	75	.499	69.7	57.4	N	1			T	1	St	SW	Clear	BD Ne E 8.00 a		H.T.C.	25
26	72.0	29.224	-.124	29.100	30.02	72.2	65.0	61	68	.536	75.9	59.2	SE	4			0	6	St	SW	Pt Cloudy			H.T.C.	26
27	76.5	29.202	-.135	29.067	29.98	79.0	69.0	64	60	.595	83.8	67.0	W	1			0	6	A St	W	Pt Cloudy			H.T.C.	27
28	82.0	29.294	-.150	29.144	30.06	64.0	54.1	46	52	.310	73.0	64.0	NW	8			.07	2	A St	W	Clear			H.T.C.	28
29	75.0	29.406	-.133	29.273	30.20	62.9	53.4	46	53	.310	67.4	53.2	NE	10			0	0	0	0	Clear			H.T.C.	29
30	74.0	29.317	-.129	29.188	30.11	63.4	56.4	51	65	.373	70.8	51.8	NE	10			0	1	Ci	W	Clear			H.T.C.	30
31	75.0	29.234	-.132	29.102	30.02	72.1	63.6	59	63	.499	78.2	56.8	SW	6			0	0	0	0	Clear			H.T.C.	31
Sums		(a)	(a)	901.867	930.09	2298.4	2021.4	1863	1972	16.535	(a)	(a)	(a)	200	(a)	(a)	1.69	118	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	29.092	30.003	74.1	65.2	60.1	63.6	.533	(a)	(a)	(c) NW	6.5	(a)	(a)	(a)	3.8	(c) St	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 191

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7* ‡‡	Snow unmelted. 7 p.m. to 7* ‡‡	Hail, sleet, and snow on ground at 7 p.m. 7* ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In	
Tuesday 1	80	69	11	3	74																.57								1
2	80	66	14	1	73																T								2
3	84	63	21	1	74																.01								3
4	84	67	17	2	76																.01								4
5	88	70	18	3	79																0								5
6	92	67	25	1	80																.14								6
7	87	70	17	2	78																.13								7
8	84	66	18	3	75																0								8
9	91	62	29	1	76																0								9
10	97	66	31	6	82																0								10
11	85	66	19	6	76																0								11
12	77	60	17	8	68																.53								12
13	85	68	17	8	76																.34								13
14	89	69	20	3	79																0								14
15	84	68	16	3	76																.04								15
16	90	62	28	0	76																0								16
17	83	68	15	0	76																0								17
18	80	61	19	6	70																0								18
19	73	54	19	6	64																0								19
20	77	53	24	1	65																0								20
21	82	55	27	3	68																0								21
22	79	59	20	1	69																.11								22
23	63	59	4	8	61																.02								23
24	62	54	8	3	58																1.00								24
25	70	56	14	5	63																T								25
26	76	54	22	2	65																0								26
27	84	65	19	9	74																0								27
28	73	54	19	10	64																.07								28
29	67	49	18	6	58																0								29
30	71	47	24	1	59																0								30
31	78	52	26	6	65																0								31
S.	2495	1899	596	118	2197		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.91		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M.	80.5	61.3	19.2	3.8	70.9	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF August, 1911

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.141	29.092	29.116	29.307	30"	28.928	1"	0.379	30.054	30.003	30.028	30.24	30"	29.83	1"	0.41
Corrected mean		29.112						Corrected mean		30.024	3,500-ft.		✓	10,000-ft.	✓

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
66.2	74.1	70.2	62.0	65.2	63.6	80.5	61.3	70.9	✓	✓	✓	97	10"	47	30"	50	31	10"	4	23"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
59.5	60.1	59.8	79.8	63.6	71.7	.521	.533	.527	0	3	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5,083	6.8	NE	31	NW	12"	7	11	7	6	5	9	7	10	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.6	3.8	5.1	60	10	12	9	1	4	7

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	1-12-13	0	0	0	25	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.91	1.00	24	—	0	—	—	0	—	2	12	9	4	1	14	0	0	0	0

(w) Maximum precipitation in 5 minutes .22, date 1"; 10 minutes .27, date 1"; 15 minutes .30, date 1"; 30 minutes .33, date 1"; 1 hour .33, date 1"; 2 hours .46, date 12"

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
			None.																	

*The duration is the time precipitation was actually recorded.

8—154

Prepared by W. S. Palmer, L. O., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1911

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Special Observations.																									Date.
	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				
								None.																		

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of September, *191*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20 1911 7.00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911-912; first observation taken in present office, 7.00 A. m. May 20, 1911

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ~~6.47~~ 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	73.0	29.317	-.126	29.191	30.11	62.8	58.0	55	75	.432	72.1	59.2	SW	8			0	0	0	0	Clear		W.S.P.	1
2	77.5	29.240	-.138	29.102	30.01	70.8	64.8	62	73	.555	80.8	67.6	SW	14			0	Few 1	Ci St A St.	W W	Clear		W.S.P.	2
3	80.5	29.415	-.147	29.268	30.19	61.0	53.8	49	63	.347	81.0	57.0	NE	10			0	1	A St.	W	Clear		W.S.P.	3
4	78.0	29.426	-.141	29.285	30.22	58.8	53.0	48	69	.334	67.8	54.4	E	8			0	2 2	Ci St A St.	W W	Pt Cloudy		W.S.P.	4
5	77.5	29.125	-.137	28.988	29.90	66.3	65.0	64	93	.595	73.8	61.3	W	6			.14	10	Nb	W	Sprinkling		W.S.P.	5
6	76.0	29.144	-.134	29.010	29.93	63.0	60.7	59	88	.499	71.8	62.0	W	7			0	Few 3	A St St	NW NW	Clear		W.S.P.	6
7	73.0	29.184	-.126	29.058	29.98	62.8	61.4	61	92	.536	67.0	61.1	E	6			0	10	St	SE	Cloudy		W.S.P.	7
8	75.0	29.427	-.133	29.294	30.21	66.0	64.6	64	93	.595	74.2	64.8	E	5			0	10	St	E	Cloudy		W.S.P.	8
9	75.0	29.430	-.133	29.297	30.23	62.8	62.8	63	100	.575	71.2	62.1	NE	3			T	10 —	St Lt fog	NE NE	Cloudy		W.S.P.	9
10	76.0	29.368	-.134	29.234	30.15	62.9	60.4	59	87	.499	74.0	60.1	W	1			0	6	A St.	W	Pt Cloudy		W.S.P.	10
11	75.5	29.146	-.133	29.013	29.93	64.4	62.2	61	89	.536	70.9	60.9	N	3			.02	Few	St	N	Clear		W.S.P.	11
12	77.5	29.169	-.138	29.031	29.94	63.4	60.0	58	82	.482	76.0	61.8	N	8			0	1	St	N	Clear		W.S.P.	12
13	75.0	29.393	-.133	29.260	30.19	54.7	51.9	50	83	.360	63.2	52.4	S	3			.03	10	St	S	Cloudy		W.S.P.	13
14	71.5	29.366	-.122	29.244	30.17	52.2	48.2	44	75	.287	61.2	48.3	SE	4			0	10	St	W	Cloudy		W.S.P.	14
15	72.5	29.134	-.125	29.009	29.92	69.9	69.7	70	99	.732	75.3	68.2	SW	7	30	W	.76	7 3	St St Cu	W W	Cloudy		W.S.P.	15
16	73.5	29.249	-.128	29.121	30.03	63.0	63.0	63	100	.575	73.9	61.6	SW	6			0	—	D Fog	SW	Foggy		W.S.P.	16
17	75.0	29.251	-.132	29.119	30.03	62.2	58.2	55	79	.432	75.0	59.3	E	5			0	7	St	W	Pt Cloudy		W.S.P.	17
18	75.0	29.217	-.132	29.085	30.00	66.0	66.0	66	100	.638	75.0	64.8	NE	10			.88	10	Nb	NE	Sprinkling		W.S.P.	18
19	76.0	29.269	-.134	29.135	30.05	61.0	56.3	53	75	.402	73.2	60.1	NW	8			0	9	St	NW	Cloudy		W.S.P.	19
20	~~74.0~~ 73.5	29.386	-.129	29.257	30.19	55.0	49.2	44	66	.287	63.3	50.7	NE	5			0	Few	A St.	W	Clear		W.S.P.	20
21	71.5	29.149	-.122	29.027	29.95	53.6	52.8	52	95	.387	63.8	52.9	E	8			.17	10	Nb	E	Lt Rain		W.S.P.	21
22	70.0	29.529	-.119	29.410	30.34	55.4	53.7	52	90	.387	61.3	51.7	N	5			0	Few	A St.	NW	Clear		W.S.P.	22
23	69.0	29.457	-.117	29.340	30.27	52.3	50.6	49	90	.347	64.0	50.2	E	4			0	0	0	0	Clear		W.S.P.	23
24	71.5	29.341	-.122	29.219	30.14	61.0	59.0	58	89	.482	73.8	56.2	S	4			0	6	Ci	W	Pt Cloudy		H.T.C.	24
25	72.5	29.281	-.125	29.156	30.07	66.0	62.8	61	84	.536	70.2	64.2	NW	6			.10	8 2	A St. St	W W	Cloudy		H.T.C.	25
26	71.0	29.464	-.122	29.342	30.27	56.0	53.2	51	83	.373	64.8	56.0	N	8			0	10	St	NE	Cloudy		H.T.C.	26
27	69.5	29.174	-.117	29.057	29.98	67.2	65.4	65	91	.616	67.2	58.1	SW	16			0	10	St	SW	Cloudy		H.T.C.	27
28	70.0	29.396	-.119	29.277	30.21	52.0	51.0	50	94	.360	70.1	52.0	NE	10			0	10	St	E	Cloudy		H.T.C.	28
29	69.5	29.134	-.116	28.918	29.83	65.0	60.3	58	77	.482	71.0	61.1	NW	25	35	SW	.14	2 3	Ci St St Cu	NW NW	Pt Cloudy		W.S.P.	29
30	68.0	29.438	-.114	29.324	30.26	48.3	44.8	41	76	.256	56.0	47.9	NE	8			0	10	St	NE	Cloudy		W.S.P.	30
31																								31
Sums		(a)	(a)	875.071	902.70	1825.8	1742.8	1685	2550	13.924	(a)	(a)	(a)	221	(a)	(a)	2.24	183	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.169	30.090	60.9	58.1	56.2	85.0	.464	(a)	(a)	(c) NE-E	7.4	(a)	(a)	(a)	6.1	(c) St	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1911

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 6.41 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	80.0	29.256	-.145	29.111	30.02	80.8	67.3	60	50	.517	87.6	62.8	S	8			0	0	0	0	Clear			HTC	1
2	83.0	29.184	-.152	29.032	29.93	81.0	68.0	61	52	.536	89.2	70.8	N	5			0	4	StCu	SW	Pt Cloudy			HTC	2
3	82.0	29.388	-.151	29.237	30.16	67.8	56.8	49	51	.347	74.9	61.0	NE	4			0	7	ACu	NW	Pt Cloudy			HTC	3
4	79.0	29.248	-.142	29.106	30.03	73.8	62.3	55	53	.432	80.2	58.8	E	6			0	6	CiSt	W	Pt Cloudy			HTC	4
5	78.0	29.028	-.138	28.890	29.80	71.8	68.5	67	85	.661	75.7	65.7	SW	8			.16	5	St	SW	Pt Cloudy			HTC	5
6	74.5	29.210	-.130	29.080	30.00	67.0	64.3	63	87	.575	70.0	63.0	NE	12			0	10	St	NE	Cloudy			HTC	6
7	75.5	29.280	-.133	29.147	30.06	74.2	67.7	64	72	.595	79.6	62.8	N	2			0	8	St	W	Cloudy			HTC	7
8	76.0	29.368	-.134	29.234	30.15	71.2	67.2	65	82	.616	76.2	66.0	NE	6			0	10	St	NE	Cloudy			HTC	8
9	77.0	29.382	-.138	29.244	30.16	74.0	67.5	64	72	.595	79.2	62.8	NW	4			0	6	St	NW	Pt Cloudy	B DNa E 7.30a		HTC	9
10	76.0	29.188	-.134	29.054	29.97	70.9	70.4	70	98	.732	79.4	62.9	E	4			.02	10	Nb	E	Lt Rain			HTC	10
11	80.0	29.024	-.144	28.880	29.79	76.0	67.6	63	65	.515	84.0	64.4	SW	10			0	2	A-St	W	Clear			HTC	11
12	78.0	29.254	-.140	29.114	30.03	63.2	52.2	42	47	.266	71.8	61.3	N	5			0	2	St	W	Clear			HTC	12
13	75.0	29.377	-.133	29.244	30.17	61.2	53.7	48	61	.334	68.3	54.7	E	6			0	1	A-St	W	Clear			HTC	13
14	73.0	29.122	-.125	28.997	29.92	70.1	67.1	66	86	.638	74.0	50.2	S	10			.44	9	St	SW	Cloudy			HTC	14
15	74.0	29.170	-.129	29.041	29.95	73.9	67.4	64	72	.595	78.4	69.9	W	6			0	9	St	W	Cloudy			HTC	15
16	78.0	29.238	-.139	29.099	30.01	75.0	68.0	65	70	.616	81.4	63.0	SW	6			0	1	St	SW	Clear		B DNa E 8.30a	HTC	16
17	77.0	29.163	-.137	29.026	29.94	75.0	67.0	63	66	.575	82.2	62.2	SE	6			0	1	St	S	Clear			HTC	17
18	78.0	29.173	-.139	29.033	29.94	73.2	70.2	69	86	.707	81.4	66.0	SW	6			.04	10	St	SW	Cloudy			HTC	18
19	77.0	29.296	-.137	29.159	30.08	63.3	56.3	51	65	.373	71.4	61.0	NW	6			0	1	St	W	Clear			HTC	19
20	75.0	29.292	-.132	29.160	30.08	63.8	56.3	51	63	.373	71.4	55.0	E	8			0	4	St	W	Pt Cloudy			HTC	20
21	72.0	29.296	-.124	29.172	30.10	61.3	59.3	58	89	.482	67.9	53.6	W	6			.03	0	0	0	Clear			HTC	21
22	71.5	29.490	-.123	29.367	30.30	64.0	61.2	59	86	.499	69.3	55.4	0	0			0	0	0	0	Clear			HTC	22
23	73.0	29.316	-.126	29.190	30.11	73.8	65.3	61	64	.536	79.7	52.3	SW	4			0	0	0	0	Clear			HTC	23
24	73.0	29.230	-.126	29.104	30.02	70.2	67.2	66	86	.638	79.9	61.0	SW	4			.01	6	St	SW	Pt Cloudy			HTC	24
25	73.0	29.292	-.126	29.166	30.09	64.8	63.3	63	92	.575	72.2	64.8	N	6			T	10	St	N	Cloudy			HTC	25
26	72.0	29.377	-.125	29.252	30.18	62.9	57.1	53	71	.402	66.8	56.0	SE	4			0	2	St	SW	Clear			HTC	26
27	72.0	29.220	-.124	29.096	30.01	70.1	67.3	66	87	.638	75.2	67.2	N	8			.36	6	St	NW	Pt Cloudy			HTC	27
28	69.5	29.158	-.117	29.041	29.97	61.8	60.2	60	91	.517	62.3	52.0	E	4			T	10	St	E	Cloudy			HTC	28
29	69.5	29.280	-.117	29.163	30.08	56.0	52.3	50	78	.360	66.2	56.0	NW	18			0	10	St	NW	Cloudy			HTC	29
30	71.0	29.308	-.121	29.187	30.12	57.0	53.0	50	77	.360	59.4	48.3	E	8			0	10	St	NE	Cloudy			HTC	30
31																									31
Sums	(a)	(a)	(a)	873.626	901.17	2069.1	1892.0	1786	2204	15.665	(a)	(a)	(a)	190	(a)	(a)	1.06	160	(a)	(a)	(a)	1	1	(a)	(a)
Means	(a)	(a)	(a)	29.121	30.039	69.0	63.1	59.5	73.5	.522	(a)	(a)	(c) F-SW	6.3	(a)	(c)	(a)	5.3	(c) St	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1911

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.	
	°	°	°	°	°																In.				In.	In.	In.	In		
Friday 1	88	59	29	9	74																0								1	
2	89	68	21	4	78																0								2	
3	75	57	18	12	66																0								3	
4	80	54	26	1	67																0								4	
5	76	61	15	1	68																.30								5	
6	70	62	8	2	66																0								6	
7	80	61	19	4	70																0								7	
8	76	65	11	0	70																T								8	
9	79	62	17	0	70																0								9	
10	79	60	19	0	70																.04								10	
11	84	61	23	2	72																0								11	
12	72	56	16	8	64																0								12	
13	68	52	16	4	60																.03								13	
14	75	48	27	2	62																.47								14	R R
15	78	68	10	11	73																.73								15	R R
16	81	62	19	1	72																0								16	
17	82	59	23	2	70																0								17	
18	81	65	16	3	73																.92								18	R
19	71	55	16	10	63																0								19	
20	71	51	20	2	61																0								20	
21	68	53	15	1	60																.20								21	
22	69	52	17	0	60																0								22	
23	80	50	30	5	65																0								23	
24	80	56	24	3	68																.01								24	
25	72	61	11	2	66																.10								25	
26	67	56	11	4	62																0								26	
27	75	59	16	5	67																.36								27	R
28	69	52	17	7	60																.05								28	
29	71	50	21	0	60																.09								29	R
30	59	48	11	6	54																0								30	
31																													31	
S....	2265	1723	542	111	1991		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.30		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)	
M....	75.5	57.4	18.1	3.7	66.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF September, 1911

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .00 ~~.01~~ 5)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.169	29.121	29.145	29.410	22	28.880	11	0.530	30.090	30.039	30.064	30.34	22	29.79	11	0.55
Corrected mean		29.140						Corrected mean		30.060 59	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
60.9	69.0	65.0	58.1	63.1	60.6	75.5	57.4	66.4	-	-	-	89	2	48	30	41	30	23	8	6

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
56.2	59.5	57.8	85.0	72.5	79.2	.464	.522	49.3	0	0	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5418	7.5	SW	35	SW	29	9	9	12	3	4	11	5	6	1

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.1	5.3	5.4	54	9	8	13	0	3	9

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	14-15-18 27-29	0	0	0	9	16	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.30	1.20	14-15	—	0	—	—	0	—	1	12	10	5	0	13	0	0	0	0

(w) Maximum precipitation in 5 minutes .18, date 18"; 10 minutes .32, date 18; 15 minutes .45, date 18; 30 minutes .75, date 18; 1 hour .81, date 18; 2 hours .88, date 18"

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
.15.	P.Na	P.Na	.53	1.08a	1.38a	T	.13	.20	.32	.42	.51	~~.53~~								
.18.	4.50a	8.20a	.88	5.09a	6.09a	.02	.18	.32	.45	.55	.65	.75	~~.77~~	~~.78~~	~~.79~~	~~.79~~	~~.81~~			

*The duration is the time precipitation was actually recorded.

8—154

Prepared by W. S. Palmer L. Fox, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of Sept., 1911

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
14	1.00p	Noon 12.00	72.0	29.217	-.124	29.093	30.02	54.0	53.0	52	2	94	54.0	SE	14	20	SE	.44	10	St	SW	Cloudy		HMC	HMC

Sent to Wash.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind

For the Month of October, 1911

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20 1911 7.00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street; room 911-912; first observation taken in present office, 7.00 a.m. May 20, 1911

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1911

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.17 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	68.0	28.966	-.112	28.854	29.77	58.3	56.8	56	91	.448	58.7	56.8	S	10			.16	10	Nb 17	S	Lt Rain		W.S.P.	1
2	67.0	29.127	-.111	29.016	29.95	50.4	49.9	49	96	.347	62.2	49.6	NE	12			.29	10	Nb	NE	Sprinkling		W.S.P.	2
3	66.0	29.239	-.108	29.131	30.06	49.2	47.2	45	87	.298	53.8	45.9	SE	4			0	2	A St	W				
																		6	St	W	Cloudy		W.S.P.	3
4	68.0	29.038	-.112	28.926	29.84	62.3	56.5	53	70	.402	75.5	62.2	SW	18	28	SW	.04	2	A St	W				
																		2	St	W	Pt Cloudy		W.S.P.	4
5	67.0	29.505	-.111	29.394	30.33	45.2	41.6	37	74	.219	56.6	42.9	N	8			0	1	Ci St	NW				
																		1	A St	NW	Clear		W.S.P.	5
6	66.0	29.118	-.107	29.011	29.94	51.7	48.3	45	79	.298	53.0	49.8	SE	10			T	4	A St	SW				
																		5	St	SW	Cloudy		W.S.P.	6
7	67.5	29.181	-.112	29.069	29.99	44.8	42.8	41	86	.256	73.8	43.0	NE	18	27	NE	.35	10	St	NE	Cloudy		W.S.P.	7
8	67.0	29.469	-.111	29.358	30.31	40.8	39.3	38	88	.228	49.3	38.8	NE	6			0	5	A St	W				
																		3	St	N	Cloudy		W.S.P.	8
9	65.0	29.417	-.106	29.311	30.25	45.2	43.0	41	84	.256	55.2	43.8	NE	6			0	10	St	NE	Cloudy		W.S.P.	9
10	66.0	29.363	-.108	29.255	30.19	52.0	51.3	51	96	.373	58.6	51.6	NE	4			.04	10	St	NE	Cloudy		W.S.P.	10
11	66.5	29.373	-.109	29.264	30.20	52.0	50.2	48	89	.334	58.0	50.0	SW	4			0	3	A St	W				
																		5	St	W	Cloudy		W.S.P.	11
12	66.0	29.358	-.108	29.250	30.18	46.3	46.3	46	100	.310	57.2	44.0	N	4			0	—	D. Fog	N	Foggy		W.S.P.	12
13	66.5	29.394	-.110	29.284	30.22	47.2	46.4	46	94	.310	59.9	46.7	E	4			0	9	St	E	Cloudy		W.S.P.	13
14	66.0	29.182	-.108	29.074	30.00	46.2	45.7	45	96	.298	56.0	44.8	E	1			0	10	St	SW	Cloudy		W.S.P.	14
15	66.0	29.173	-.108	29.065	30.00	44.0	44.0	44	100	.287	51.8	42.0	W	5			.10	+	D. Fog	W	Foggy		W.S.P.	15
16	66.0	29.176	-.108	29.068	30.00	54.0	52.2	50	89	.360	59.5	52.1	SE	6			0	2	Ci St	S				
																		1	St	S	Clear		W.S.P.	16
17	68.0	28.891	-.112	28.779	29.69	56.0	53.7	52	86	.387	67.7	55.9	SW	8			.54	9	St	SW				
																		1	St Cu	SW	Cloudy		W.S.P.	17
18	65.5	29.184	-.106	29.078	30.01	44.8	43.4	42	90	.266	53.3	42.2	NW	3			0	0	0	0	Clear		W.S.P.	18
19	66.0	29.204	-.108	29.096	30.03	47.7	45.2	43	83	.277	58.0	45.2	S	7			0	Few	Ci	W				
																		1	A St	W	Clear		W.S.P.	19
20	66.0	29.290	-.108	29.182	30.11	49.0	46.0	43	80	.277	60.7	47.7	NE	7			0	10	St	SW	Cloudy		W.S.P.	20
21	68.0	29.306	-.113	29.193	30.12	45.7	44.1	42	88	.266	52.0	45.3	N	7			0	10	St	N	Cloudy		W.S.P.	21
22	67.5	29.012	-.111	28.901	29.83	44.2	44.2	44	100	.287	47.9	43.6	W	12			.14	10	Nb	W	Sprinkling		W.S.P.	22
23	62.0	29.104	-.097	29.007	29.95	41.4	38.2	34	75	.195	42.8	37.4	SW	16			0	9	St	W	Cloudy		W.S.P.	23
24	61.0	29.591	-.095	29.496	30.45	32.8	31.2	29	84	.157	42.0	31.2	SW	7			0	1	Ci	NW				
																		2	Ci St	NW	Clear		W.S.P.	24
25	63.5	29.518	-.102	29.416	30.37	41.0	37.7	33	75	.187	46.7 9.6	39.7	S	8			0	0	0	0	Clear		W.S.P.	25
26	65.0	29.529	-.106	29.423	30.36	43.2	40.8	38	82	.228	53.7	42.6	NE	6			0	9	St	W	Cloudy		W.S.P.	26
27	66.5	29.491	-.110	29.381	30.33	36.0	34.2	31	84	.172	49.7	35.1	N	7			.06	8	St	W				
																		2	St	N	Cloudy		W.S.P.	27
28	65.5	29.531	-.107	29.424	30.38	33.4	31.8	29	84	.157	37.0	30.4	NE	1			0	10	St	W	Cloudy		W.S.P.	28
29	65.5	29.367	-.107	29.260	30.21	30.8	28.4	24	75	.124	40.2	29.2	SW	8			0	0	0	0	Clear		W.S.P.	29
30	64.0	29.319	-.103	29.216	30.16	39.0	38.0	37	92	.219	43.0	35.9	SW	6			.05	10	Nb	SW	Lt Rain		W.S.P.	30
31	64.0	29.162	-.102	29.060	30.00	46.0	45.1	44	94	.287	47.4	43.4	W	8			.06	10	Nb	W	Sprinkling		W.S.P.	31
Sums		(a)	(a)	904.242	933.23	1420.6	1363.5	1360	2691	8.510	(a)	(a)	(a)	231	(a)	(a)	1.83 2.13	213	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.169	30.104	45.8	44.0	41.9	86.8	.278 5	(a)	(a)	(c) NE	7.5			(a)	6.9	(c) St	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1911

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	69.0	28.978	-.115	28.863	29.78	62.2	61.2	60	94	.517	69.8	58.3	NE	12			1.08	10	St	N	Cloudy			H.T.C.	1
2	67.0	29.240	-.111	29.129	30.06	53.8	50.8	49	82	.347	55.2	50.4	NE	12			T	9	A.St	NW	Cloudy			H.T.C.	2
3	67.5	28.972	-.111	28.861	29.78	71.0	68.0	67	86	.661	71.0	49.2	S	12			T	0	0	0	Clear			H.T.C.	3
4	69.5	29.264	-.117	29.147	30.07	56.0	50.2	45	67	.298	66.4	56.0	NW	12	35	W	0	1	A.St	NW	Clear			H.T.C.	4
5	68.0	29.410	-.114	29.296	30.24	52.8	48.6	44	74	.287	56.2	45.2	E	3			0	10	St	SE	Cloudy			H.T.C.	5
6	69.0	28.802	-.114	28.688	29.59	73.4	68.7	66	79	.638	80.3	57.7	SW	14	33	SW	.02	9	St	SW	Cloudy			H.T.C.	6
7	70.0	29.407	-.119	29.288	30.23	49.3	45.0	41	72	.256	54.3	44.8	NE	10	28	NE	.02	8	Ci.Cu.	W	Cloudy			H.T.C.	7
8	67.0	29.402	-.111	29.291	30.23	55.2	48.2	41	60	.256	60.3	40.8	NE	4			0	5	Ci	W	Pt Cloudy			H.T.C.	8
9	67.0	29.342	-.111	29.231	30.16	58.6	55.6	54	83	.417	62.4	45.2	SE	2			T	10	Nb	SE	Sprinkling			H.T.C.	9
10	68.5	29.324	-.115	29.209	30.14	58.0	55.6	54	87	.417	62.9	52.0	SW	2			0	2	A.St	SW	Clear			H.T.C.	10
11	68.0	29.320	-.113	29.207	30.14	57.2	52.7	49	74	.347	65.3	52.0	NW	4			0	0	0	0	Clear			H.T.C.	11
12	69.0	29.342	-.116	29.226	30.16	59.9	54.9	51	73	.373	66.0	46.3	N	7			0	0	0	0	Clear		BDNa E 7.00 a	H.T.C.	12
13	69.0	29.286	-.116	29.170	30.10	55.8	50.8	47	71	.322	60.9	46.0	E	3			0	5	Ci	W	Pt Cloudy			H.T.C.	13
14	67.5	29.090	-.111	28.979	29.91	50.8	50.8	51	100	.373	63.2	46.2	SW	10			.19	10	Nb	W	Hy Rain			H.T.C.	14
15	68.0	29.212	-.113	29.099	30.03	59.5	54.5	50	73	.360	66.8	44.0	E	6			0	0	0	0	Clear		BDNa E 7.30 a	H.T.C.	15
16	68.0	28.944	-.112	28.832	29.74	66.4	64.0	63	88	.575	77.0	54.0	SE	12	26	SE	.17	4	St	S	Pt Cloudy			H.T.C.	16
17	67.0	29.000	-.110	28.890	29.81	53.0	52.0	51	94	.373	57.9	53.0	W	6			T	0	0	0	Clear			H.T.C.	17
18	68.0	29.160	-.113	29.047	29.98	58.0	50.4	44	59	.287	64.9	44.8	S	3			0	0	0	0	Clear		BDNa E 6.30 a	H.T.C.	18
19	68.0	29.222	-.113	29.109	30.04	60.7	54.7	50	68	.360	68.8	47.7	NW	8			0	4	A.St.	SW	Pt Cloudy			H.T.C.	19
20	71.5	29.292	-.122	29.170	30.10	52.0	48.6	45	79	.298	59.2	49.0	N	5			0	10	St	N	Cloudy			H.T.C.	20
21	71.0	29.187	-.121	29.066	30.01	47.9	47.9	48	100	.334	49.4	45.2	NE	5			.01	10	Nb	NE	Lt Rain			H.T.C.	21
22	67.0	29.170	-.110	29.060	30.00	41.2	38.2	34	77	.195	46.4	40.4	SW	8	24	W	.02	0	0	0	Clear			H.T.C.	22
23	65.5	29.374	-.107	29.267	30.22	42.0	37.1	30	63	.164	47.8	41.4	W	12	30	SW	0	0	0	0	Clear			H.T.C.	23
24	66.5	29.570	-.110	29.460	30.41	49.6	43.6	37	62	.219	54.3	32.8	SE	5			0	0	0	0	Clear			H.T.C.	24
25	67.0	29.443	-.111	29.332	30.27	53.7	46.7	40	59	.247	61.6	41.0	SW	6			0	0	0	0	Clear			H.T.C.	25
26	71.0	29.438	-.122	29.316	30.26	49.7	44.2	38	65	.228	52.7	43.2	N	10			0	10	St	N	Cloudy			H.T.C.	26
27	70.0	29.553	-.119	29.434	30.39	36.8	34.3	31	79	.172	42.0	36.0	NE	4			0	0	0	0	Clear			H.T.C.	27
28	70.0	29.398	-.119	29.279	30.23	40.2	35.7	29	64	.157	47.2	33.4	SW	5			0	0	0	0	Clear			H.T.C.	28
29	68.0	29.312	-.113	29.199	30.14	43.0	38.6	33	68	.187	51.3	30.8	SW	8			0	0	0	0	Clear			H.T.C.	29
30	68.0	29.200	-.113	29.087	30.03	44.0	44.0	44	100	.287	45.2	39.0	E	6			.17	10	Nb	E	Lt Rain			H.T.C.	30
31	68.0	29.335	-.113	29.222	30.15	44.2	41.7	39	82	.237	49.1	44.2	NE	6			T	9	St	W	Cloudy			H.T.C.	31
Sums		(a)	(a)	903.454	932.40	1655.9	1537.3	1425	2382	10.189	(a)	(a)	(a)	222	(a)	(a)	1.68	136	(a)	(a)	(a)	0	3	(a)	(a)
Means		(a)	(a)	29.144	30.077	53.4	49.6	46.0	76.8	.329	(a)	(a)	(c) NE SW	7.2	(a)	(a)	(a)	4.4	(c) St	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1911

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Sunday 1	70	51	19	6	60																1.26								1
2	55	49	6	8	52																.27								2
3	76	46	30	9	61																.02								3
4	71	50	21	1	60																.02								4
5	56	43	13	10	50																T								5
6	80	48	32	~~14~~	64																.36								6
7	54	41	13	16	48																.03								7
8	60	39	21	2	50																0								8
9	62	44	18	3	53																.02								9
10	63	52	11	5	58																.02								10
11	65	50	15	0	58																0								11
12	66	44	22	3	55																0								12
13	61	46	15	1	54																0								13
14	63	45	18	0	54																.27								14
15	67	42	25	0	54																.02								15
16	77	52	25	10	64																.27								16
17	65	47	18	8	56																.44								17
18	65	42	23	2	54																0								18
19	69	45	24	3	57																0								19
20	59	48	11	3	54																0								20
21	49	45	4	7	47																.12								21
22	48	37	11	5	42																.05								22
23	48	35	13	0	42																0								23
24	54	31	23	0	42																0								24
25	62	40	22	9	51																0								25
26	53	39	14	5	46																.04								26
27	42	33	9	8	38																.02								27
28	47	30	17	0	38																0								28
29	51	29	22	2	40																0								29
30	46	36	10	1	41																.27								30
31	49	41	8	4	45																.01								31
S.	1853	1320	533	145	1588		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.51		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M.	59.8	42.6	17.2	4.7	51.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF October, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .006)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.169	29.144	29.156	29.496	24"	28.688	6"	0.808	30.104	30.077	30.090	30.45	24"	29.59	6"	0.86
Corrected mean		29.150						Corrected mean		30.084	3,500-ft.			10,000-ft.	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
45.8	53.4	49.6	44.0	49.6	46.8	59.8	42.6	51.2				80	6"	29	29"	51	32	6	4	21

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
41.9	46.0	44.0	86.8	76.8	81.8	.275	.329	.304	0	0	3	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5,926	8.0	NE	35	W	4"	7	15	6	6	5	14	5	4	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.9	4.4	6.5	39	5	9	17	2	2	14

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	24	1-4-6-14-16	0	0	8	0	12 15 18	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.51	1.53	1"-2	—	None	—	—	None	—	1	18	10	7	1	19	0	0	0	0

(w) Maximum precipitation in 5 minutes .16, date 1"; 10 minutes .23, date 1"; 15 minutes .26, date 1";
30 minutes .35, date 1"; 1 hour .44, date 1"; 2 hours .75, date 1"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
			None.																	

*The duration is the time precipitation was actually recorded.

8—154

Prepared by W. S. Palmer L. T., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1911

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Special observations.																								Date.
	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				
							None																		

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of November, 1911

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20 1911, 7.00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor. Calhoun & Berry street, room 911-912; first observation taken in present office, 7.00 A. m. May 20, 1911

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1911

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity.	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	65.0	29.427	-.106	29.321	30.26	40.7	38.2	35	80	.203	44.4	39.8	NW	8			.01	7	St	NW	Pt Cloudy		W.S.P.	1
2	62.0	29.826	-.099	29.727	30.70	25.0	23.2	20	77	.103	34.0	24.3	NW	9			T	few 1	A St St	NW NW	Clear		W.S.P.	2
3	63.5	29.830	-.103	29.727	30.71	22.0	20.0	15	72	.081	30.2	21.2	SW	10			0	3 few	Ci St A St.	W W	Clear		W.S.P.	3
4	65.5	29.491	-.107	29.384	30.34	35.0	31.0	25	64	.130	37.0	32.8	S	4			0	9	St	W	Cloudy		W.S.P.	4
5	67.0	29.520	-.111	29.409	30.36	39.8	36.6	32	74	.180	42.9	37.7	S	4			0	9	St	S	Cloudy		W.S.P.	5
6	66.5	28.859	-.108	28.751	29.67	48.3	47.8	47	96	.322	48.6	43.1	SE	12			.40	10	Nb	SE	Hvy Rain		W.S.P.	6
7	61.5	28.977	-.095	28.882	29.81	43.0	38.7	33	68	.187	51.4	41.7	W	24	31	W	.01	10	St	W	Cloudy		W.S.P.	7
8	65.0	29.254	-.105	29.149	30.09	33.9	32.6	31	88	.172	45.3	33.1	SW	3			0	6 3	A St St	W W	Cloudy		W.S.P.	8
9	66.0	29.149	-.108	29.041	29.99	32.6	31.4	30	88	.164	39.5	31.5	E	8			0	9	A St.	W	Cloudy		W.S.P.	9
10	65.5	29.206	-.106	29.100	30.03	53.8	52.1	50	90	.360	54.8	47.6	SW	9			.08	5 2	Ci St St	W W	Pt Cloudy		W.S.P.	10
11	67.0	29.042	-.110	28.932	29.85	61.7	59.8	59	90	.499	61.7	57.0	S	15			0	10	St	S	Cloudy		W.S.P.	11
12	59.0	28.923	-.089	28.834	29.75	17.5	17.0	16	92	.085	69.2	17.3	W	28	40	S	.80	10	Nb	W	Lt Snow		W.S.P.	12
13	50.0	29.552	-.066	29.486	30.47	11.6	10.2	5	72	.049	13.8	10.5	SW	10	32	SW	0	few	Ci St.	W	Clear		W.S.P.	13
14	60.0	29.225	-.092	29.133	30.09	25.8	23.4	18	70	.093	26.0	21.0	S	7			0	10	St	SW	Cloudy		W.S.P.	14
15	63.0	28.957	-.099	28.858	29.81	24.0	22.7	20	83	.103	31.2	23.9	SW	10			T	few	A St.	W	Clear		W.S.P.	15
16	64.0	29.474	-.103	29.371	30.34	22.8	21.0	17	76	.089	28.4	21.7	E	4			0	7	St	W	Pt Cloudy		W.S.P.	16
17	62.0	28.925	-.097	28.828	29.77	38.3	38.3	38	100	.228	38.3	27.5	SE	8			.40	10	Nb.	SE	Hvy Rain		W.S.P.	17
18	54.0	28.709	-.075	28.634	29.56	28.7	26.1	21	71	.108	39.0	28.3	SW	24	35	SW	0	7 2	A St St	W W	Clear		W.S.P.	18
19	54.0	29.010	-.076	28.934	29.89	25.0	23.1	19	76	.098	28.5	24.7	SW	12	32	SW	0	9	St	W	Cloudy		W.S.P.	19
20	63.0	28.958	-.099	28.859	29.81	34.0	32.8	31	88	.172	35.7	30.0	SW	12			.09	10	Nb.	SW	Lt. Snow		W.S.P.	20
21	69.0	29.389	-.117	29.272	30.23	27.3	26.0	24	84	.124	31.4	25.0	SW	8			.01	10	St	W	Cloudy		W.S.P.	21
22	72.0	29.494	-.125	29.369	30.33	28.0	26.3	23	80	.118	34.5	27.0	SE	8			0	3 5	A St. St	NW W	Cloudy		W.S.P.	22
23	70.0	29.124	-.118	29.006	29.96	38.8	35.8	32	76	.180	40.1	34.7	SW	12			T	10	Nb	SW	Sprinkling		W.S.P.	23
24	65.0	29.192	-.105	29.087	30.04	28.8	28.1	27	92	.143	32.0	26.1	W	10			.02	10	Nb	W	Lt. Snow		W.S.P.	24
25	66.0	29.182	-.108	29.074	30.03	24.0	21.8	17	72	.089	26.4	22.8	SW	13			0	1	St	W	Clear		W.S.P.	25
26	63.5	29.052	-.101	28.951	29.90	33.0	31.3	29	83	.157	35.6	32.2	SW	12			0	5 2	Ci St St	W W	Pt Cloudy		W.S.P.	26
27	67.5	29.199	-.112	29.087	30.03	37.2	33.4	28	68	.150	42.4	36.9	SW	10			0	few	St	W	Clear		W.S.P.	27
28	70.0	28.693	-.117	28.576	29.50	47.2	45.4	44	87	.287	47.2	40.9	SW	16			.41	10	St. Cu.	SW	Cloudy		W.S.P.	28
29	60.0	29.197	-.092	29.105	30.05	27.2	26.1	24	87	.124	31.8	24.9	NW	6			.02	10	Nb	NW	Lt Snow		W.S.P.	29
30	51.0	29.175	-.068	29.107	30.07	18.4	15.9	8	61	.057	23.2	16.3	SW	20			0	2 FEW	AS+ St	W W	Clear		W.S.P.	30
31																								31
Sums		(a)	(a)	872.994	901.44	973.4	916.1	818	2405	4.855	(a)	(a)	(a)	336	(a)	(a)	2.25	211	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.100	30.048	32.4	30.5	27.3	80.2	.162	(a)	(a)	(c) SW	11.2	(a)	(a)	(a)	7.0	(c) St	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind, for the Month of November, 1911

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	68.5	29.557	-.115	29.442	30.40	34.0	30.0	24	62	.124	44.3	34.0	W	18	27	W	0	5	St	NW	Pt Cloudy			H.T.C.	1
2	70.0	29.872	-.120	29.752	30.72	30.2	27.7	23	73	.118	34.3	25.0	NW	4			T	0	0	0	Clear			H.T.C.	2
3	70.5	29.641	-.122	29.519	30.48	36.4	30.4	20	48	.103	39.2	22.0	S	4			0	9	C.St	W	Cloudy			H.T.C.	3
4	71.0	29.458	-.122	29.336	30.29	42.7	38.2	33	67	.187	45.1	35.0	SW	4			0	9	A.Cu	W	Cloudy			H.T.C.	4
5	69.0	29.380	-.117	29.263	30.20	47.0	43.0	39	73	.237	51.4	39.8	SE	6			0	10	St	S	Cloudy			H.T.C.	5
6	69.0	28.824	-.114	28.710	29.63	51.4	48.9	46	84	.310	60.9	48.3	SW	20	32	SW	.12	10	St	SW	Cloudy			H.T.C.	6
7	69.0	29.216	-.116	29.100	30.04	45.3	41.3	36	71	.211	48.0	43.0	W	10	29	W	0	10	St	W	Cloudy			H.T.C.	7
8	70.0	29.180	-.118	29.062	30.01	39.5	36.0	32	72	.180	46.4	33.9	E	8			0	2	St	S	Clear			H.T.C.	8
9	69.0	29.068	-.115	28.953	29.89	50.0	48.0	46	87	.310	54.0	32.6	SE	10			T	10	St	SE	Cloudy			H.T.C.	9
10	68.5	29.262	-.115	29.147	30.08	58.2	54.2	51	77	.373	62.0	53.6	S	14			0	2	St	S	Clear			H.T.C.	10
11	70.0	28.653	-.117	28.536	29.44	69.2	63.7	60	74	.517	70.0	61.7	S	28	37	S	0	2	St	S	Clear			H.T.C.	11
12	59.0	29.342	-.090	29.252	30.22	13.8	11.6	4	60	.047	17.5	13.8	W	24	37	SW	.02	1	St	W	Clear			H.T.C.	12
13	65.0	29.526	-.106	29.420	30.40	21.2	17.7	7	50	.054	23.3	11.6	S	10			0	0	0	0	Clear			H.T.C.	13
14	69.0	28.942	-.115	28.827	29.77	31.2	30.0	28	87	.150	31.2	25.8	S	5			.20	10	Ub.	SW	Lt Snow			H.T.C.	14
15	67.0	29.170	-.110	29.060	30.02	28.0	25.8	22	75	.113	33.4	24.0	W	10			.01	0	0	0	Clear			H.T.C.	15
16	68.0	29.386	-.114	29.272	30.23	27.5	25.0	20	70	.103	31.3	22.8	E	6			0	0	0	0	Clear			H.T.C.	16
17	64.0	28.612	-.100	28.512	29.43	38.4	37.0	35	88	.203	51.2	38.3	W	24	34	SW	.93	10	St	W	Cloudy			H.T.C.	17
18	60.5	28.850	-.092	28.758	29.70	28.3	25.8	21	71	.108	34.7	28.3	W	22	37	SW	0	10	St	W	Cloudy			H.T.C.	18
19	69.0	29.064	-.115	28.949	29.90	30.5	27.2	21	65	.108	34.4	22.6	SW	10			0	10	St	SW	Cloudy			H.T.C.	19
20	66.5	29.257	-.109	29.148	30.10	31.2	30.0	28	87	.150	36.0	29.6	W	10	27	W	.02	10	Ub	W	Lt Snow			H.T.C.	20
21	73.0	29.476	-.127	29.349	30.31	34.5	32.0	28	77	.150	36.1	27.3	SW	4			T	8	St	W	Cloudy			H.T.C.	21
22	73.5	29.282	-.128	29.154	30.10	34.9	31.9	28	73	.150	40.2	28.0	SE	10			0	0	0	0	Clear			H.T.C.	22
23	68.0	29.134	-.113	29.021	29.97	32.0	29.5	26	74	.136	39.8	32.0	W	12			.18	10	St	W	Cloudy			H.T.C.	23
24	70.0	29.363	-.119	29.244	30.20	26.0	23.7	19	71	.098	30.1	26.0	W	10			.02	0	0	0	Clear			H.T.C.	24
25	63.0	29.067	-.099	28.968	29.92	35.5	33.0	30	78	.164	36.8	24.0	SW	14	28	SW	0	4	St	W	Pt Cloudy			H.T.C.	25
26	66.5	29.156	-.109	29.047	29.99	42.4	38.9	34	73	.195	48.3	33.0	S	8			0	2	A.St	SW	Clear			H.T.C.	26
27	70.5	29.105	-.119	28.986	29.93	43.0	41.6	40	89	.247	48.1	37.2	SE	6			0	10	St	S	Cloudy			H.T.C.	27
28	68.0	28.978	-.112	28.866	29.81	31.4	30.4	29	89	.157	47.2	31.4	SW	16	31	SW	T	10	Ub	SW	Lt Snow			H.T.C.	28
29	65.0	29.336	-.105	29.231	30.19	23.2	21.7	18	80	.093	30.4	23.2	SW	14			T	0	0	0	Clear			H.T.C.	29
30	55.0	29.228	-.078	29.150	30.11	28.0	25.4	21	70	.108	32.2	18.4	SW	12	30	SW	0	0	0	0	Clear			H.T.C.	30
31																									31
Sums		(a)	(a)	873.034	901.48	1084.9	999.6	869	2215	5.204	(a)	(a)	(a)	353	(a)	(a)	1.50	164	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.101	30.049	36.2	33.3	29.0	73.8	.173	(a)	(a)	(c) W	11.8	(a)	(c)	(a)	5.5	(c) St	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1911

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m.* ‡‡	Snow unmelted. 7 p.m. to 7 p.m.* ‡‡	Hail, sleet, and snow on ground at 7 p.m.* ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Wednesday	44	27	17	9	36																.01				0	0	T		1
2	34	24	10	7	29																T				T	0	T		2
3	39	21	18	1	30																0				0	0	0		3
4	45	34	11	10	40																0				0	0	0		4
5	51	38	13	4	44																0				0	0	0		5
6	61	43	18	8	52																.53				0	0	0		6
7	49	38	11	8	44																0				0	0	0		7
8	46	33	13	4	40																0				0	0	0		8
9	54	32	22	3	43																.04				0	0	0		9
10	62	52	10	14	57																.04				0	0	0		10
11	70	55	25	5	62																.63				0	0	0		11
12	55	11	44	29	33																.19				0.7 T	T	.07		12
13	23	10	13	17	16																0				0	T	0		13
14	31	21	10	10	26																.20				2.2	2.2	.20		14
15	33	24	9	2	28																.01				0.1 T	1.2	.01		15
16	31	22	9	2	26																0				0	1.0	0		16
17	51	30	21	14	40																1.33				0	0	0		17
18	35	26	9	10	30																0				0	0	0		18
19	34	23	11	2	28																.08 ‡				0.8	0	.08 ‡		19
20	36	28	8	4	32																.04 ‡				1.2 T	T	.04 ‡		20
21	36	25	11	2	30																T				T	0	T		21
22	40	27	13	4	34																0				0	0	0		22
23	40	27	13	0	34																.18				0.1	0	.01		23
24	30	23	7	8	26																.04				T	T	.04 ‡		24
25	37	23	14	4	30																0				0	0	0		25
26	48	32	16	10	40																0				0	0	0		26
27	48	37	11	2	42																.06				0	0	0		27
28	47	25	22	6	36																.36 ‡				T	T	.01 ‡		28
29	30	17	13	12	24																.01 ‡				0.2	T	.01 ‡		29
30	32	16	16	0	24																0				0	0	0		30
31																													31
S.	1272	844	428	211	1056		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.75		Total excess or deficiency since January 1,			4.6 2.4	(a)	(a)	(a)
M.	42.4	28.1	14.3	7.0	35.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

‡ Estimated.
+ melted snow at fall.

8—154

SUMMARY FOR THE MONTH OF November, 1911

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.007)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.100	29.101	29.100	29.752	2"	28.512	17"	1.240	30.048	30.049	30.048	30.72	2"	29.43	17"	1.29
Corrected mean		29.093						Corrected mean		30.041	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
32.4	36.2	34.3	30.5	33.3	31.9	42.4	28.1	35.2				70	11	10	13	60	44	12	7	24

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
27.3	29.0	28.2	80.2	73.8	77.0	.162	.173	.168	5	0	21	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
9161	12.7	SW	40	S	11	0	0	4	7	~~12~~ 10	23	~~10~~ 12	4	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.0	5.5	7.3	31	3	9	18	0	4	12

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	9"–11"	11"	0	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.75	1.33	17	—	0	—	—	0	—	2	16	13	4	1	18	12	9	4.5	0

(w) Maximum precipitation in 5 minutes .24, date 11"; 10 minutes .38, date 11"; 15 minutes .35, date 11";
30 minutes .46, date 11"; 1 hour .59, date 11"; 2 hours .69, date 11"–12"

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
11"–12"	10 10 P.M. 11"	0 A.M. 12"	.75	11 04 P.	11 ~~12~~ 14 P.	.10	.24	.38	~~.35~~											

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ W. S. Palmer, Local F., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1910

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Special observations.																								Date.
	Time.		Barometer.					Thermometers.						Wind.					Clouds.						
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	
							None.																		

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of December, *191*1

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, 5978; No. of wet thermometer in use, 5905; No. of maximum thermometer in use, 15028; No of minimum thermometer in use, 10585

† Elevation above ground of the dry thermometer, 113 feet; rain gage, 107 feet; anemometer, 124 feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 673; sum of corrections, .017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911-912; first observation taken in present office, 7.00 a m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1911

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	52.0	29.176	-.070	29.106	30.07	25.0	23.8	22	85	.113	28.0	24.0	SW	11			0	8	A St	W			W.S.P.	1
2	57.0	29.217	-.084	29.133	30.08	33.0	31.2	28	82	.150	33.9	30.2	W	12			T	2	St	W	Cloudy		W.S.P.	2
3	61.0	28.988	-.094	28.894	29.84	28.7	28.7	29	100	.157	31.4	28.0	NE	6			.45	10	Nb	NE	Hvy Snow		W.S.P.	3
4	66.0	29.633	-.109	29.524	30.50	7.0	5.8	0	71	.038	21.0	6.2	SW	5			0	10	St	W	Pt Cloudy		W.S.P.	4
5	69.0	29.584	-.117	29.467	30.44	19.8	18.1	13	74	.074	25.0	19.3	SW	8			0	4 / 1	A St / St	W / W	Pt Cloudy		W.S.P.	5
6	68.5	29.520	-.115	29.405	30.36	26.8	24.3	20	70	.103	33.0	26.4	SW	10			0	0	0	0	Clear		W.S.P.	6
7	68.0	29.449	-.114	29.335	30.28	34.0	30.6	25	68	.130	41.1	33.4	SW	10			0	2 / 2	A St. / St	SW / SW	Pt Cloudy		W.S.P.	7
8	70.0	29.514	-.119	29.395	30.34	42.8	39.6	35	76	.203	44.0	39.7	S	9			.01	10	St	SW	Cloudy		W.S.P.	8
9	67.0	29.395	-.111	29.284	30.22	49.3	49.3	49	100	.347	49.7	47.2	SW	4			.30	—	D. Fog	SW	Foggy		W.S.P.	9
10	68.0	29.173	-.113	29.060	29.99	52.7	48.0	43	72	.277	53.0	50.7	SE	15			.08	10	St	SW	Cloudy		W.S.P.	10
11	67.0	29.198	-.110	29.088	30.02	44.0	43.5	43	96	.277	59.1	43.2	SE	2	31	S	.26	10	Nb	SE	Hvy Rain		W.S.P.	11
12	67.0	29.357	-.111	29.246	30.20	36.5	34.7	32	84	.180	43.3	35.6	N	2			0	10	St	W	Cloudy		W.S.P.	12
13	67.5	29.422	-.113	29.309	30.26	33.4	30.4	26	71	.136	38.5	32.0	N	4			0	10	St	N	Cloudy		W.S.P.	13
14	66.5	29.373	.109	29.264	30.22	27.7	27.0	26	92	.136	35.7	26.7	NE	10			0	10	St	W	Cloudy		W.S.P.	14
15	66.0	29.207	-.108	29.099	30.05	32.0	31.6	31	96	.172	33.4	30.3	N	5			.02	10	St	N	Cloudy		W.S.P.	15
16	65.0	28.749	-.103	28.646	29.58	35.0	35.0	35	100	.203	35.0	31.7	NE	12	26	NE	.27	10	Nb	NE	Sprinkling		W.S.P.	16
17	61.0	29.376	-.095	29.281	30.23	30.7	29.0	26	82	.136	35.0	29.8	W	8			0	10	St	W	Cloudy		W.S.P.	17
18	63.0	29.629	-.101	29.528	30.49	26.9	25.1	22	78	.113	30.0	25.7	SW	5			0	10	St	W	Cloudy		W.S.P.	18
19	64.0	29.740	-.104	29.636	30.61	25.4	24.1	22	84	.113	32.6	25.3	NE	4			0	Few	St	NE	Clear		W.S.P.	19
20	65.5	29.497	-.107	29.390	30.35	24.8	23.6	21	85	.108	30.6	24.6	E	16			0	1 / 1	Ci. St / St	W / W	Clear		W.S.P.	20
21	65.0	29.230	-.105	29.125	30.08	39.0	38.1	37	93	.219	39.0	32.1	S	10			.15	10 / —	St / Lt Fog	S / S	Cloudy		W.S.P.	21
22	68.0	29.152	-.113	29.039	29.98	40.0	39.2	38	94	.228	44.2	39.0	S	4			0	10	St	SW	Cloudy		W.S.P.	22
23	29.0	28.982	-.115	28.867	29.82	31.0	28.8	25	77	.130	41.5	29.4	SW	8			0	10	St	SW	Cloudy		W.S.P.	23
24	65.0	29.117	-.104	29.013	29.96	32.7	30.2	27	75	.143	32.7	29.0	S	8			0	10	St	SW	Cloudy		W.S.P.	24
25	63.0	29.273	-.100	29.173	30.21	36.8	35.0	32	84	.180	38.0	32.4	SW	12			0	10	St	W	Cloudy		W.S.P.	25
26	66.0	29.102	-.107	28.995	29.94	33.3	33.0	33	97	.192	35.6	32.2	E	12			0	10 / —	St / Lt Fog	E / E	Cloudy		W.S.P.	26
27	58.0	28.834	-.086	28.748	29.69	27.0	25.4	23	81	.118	48.4	26.0	SW	30	44	SW	.02	10	Nb	W	Lt Snow		W.S.P.	27
28	60.0	29.576	-.093	29.483	30.46	9.5	8.9	6	86	.052	19.8	8.4	SW	12	30	W	T	8	St	W	Cloudy		W.S.P.	28
29	66.0	29.562	-.109	29.453	30.42	23.0	20.9	16	72	.085	23.0	18.9	SE	6			0	10	St	W	Cloudy		W.S.P.	29
30	66.0	29.368	-.108	29.260	30.21	33.0	32.5	32	95	.180	35.2	31.3	SE	3			.19	10	Nb	SE	Hvy Snow		W.S.P.	30
31	68.0	28.810	-.112	28.698	29.63	42.0	41.7	41	98	.256	42.1	34.0	SW	20			.07	10	Nb.	SW	Sprinkling		W.S.P.	31
Sums		(a)	(a)	904.944	934.43	982.8	937.1	858	2618	4.949	(a)	(a)	(a)	283	(a)	(a)	1.82	253	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.192	30.143	31.7	30.2	27.7	84.5	.160	(a)	(a)	(c) SW	9.1	(a)	(a)	(a)	8.2	(c) St	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1911

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	63.0	29.116	.099	29.017	29.97	33.0	31.4	29	84	.157	34.4	25.0	SW	14			.02	10	St	W	Cloudy			HPC	1
2	63.0	29.270	.100	29.170	30.12	31.2	29.7	27	84	.143	34.3	31.2	SW	6			0	10	St	W	Cloudy			HPC	2
3	64.0	29.486	.103	29.383	30.35	21.0	18.9	14	68	.077	29.0	21.0	N	8			.02	2	St	NW	Clear			HPC	3
4	71.0	29.639	.123	29.516	30.50	24.8	22.3	17	69	.089	30.2	7.0	SW	8			0	1 0	St 0	W 0	Clear			HPC	4
5	71.0	29.539	.122	29.417	30.39	33.0	29.0	22	61	.113	38.7	19.8	SW	8			0	0	0	0	Clear			HPC	5
6	71.5	29.463	.123	29.340	30.29	40.9	35.9	29	62	.157	47.8	26.8	S	10			0	0	0	0	Clear			HPC	6
7	71.0	29.482	.122	29.360	30.31	44.0	40.8	37	76	.219	45.9	34.0	SW	6			0	10	ACu	W	Cloudy			HPC	7
8	68.0	29.403	.114	29.289	30.23	49.1	48.6	48	96	.334	54.2	42.8	SW	10			.01	10	Nb	SW	Lt Rain		B DN.M	HPC	8
9	73.0	29.368	.125	29.243	30.17	51.4	51.0	51	98	.373	54.7	49.3	S	12			.09	10	Nb	SW	Lt Rain		10:00 A	HPC	9
10	69.0	29.052	.115	28.937	29.86	59.1	55.1	52	78	.387	60.2	52.7	S	24	30	S	.02	10	St	SW	Cloudy			HPC	10
11	69.0	29.328	.116	29.212	30.14	43.0	40.8	39	83	.237	47.8	43.0	NW	6			.26	10	St	NW	Cloudy			HPC	11
12	71.5	29.331	.122	29.209	30.15	38.0	36.0	33	83	.187	38.4	36.3	N	6			0	10	St	N	Cloudy			HPC	12
13	70.0	29.467	.119	29.348	30.30	35.7	33.2	30	78	.164	42.3	33.4	N	2			0	0	0	0	Clear			HPC	13
14	69.0	29.166	.116	29.050	30.00	32.8	32.3	32	95	.180	32.8	27.7	NE	6			.10	10	Nb	NE	Lt Rain			HPC	14
15	69.0	29.180	.116	29.064	30.01	33.8	31.8	29	81	.157	34.3	32.0	NE	5			0	10	St	N	Cloudy			HPC	15
16	64.0	29.156	.102	29.054	30.00	35.0	33.0	30	82	.164	40.2	33.4	W	6			.04	10	St	W	Cloudy			HPC	16
17	65.0	29.512	.106	29.406	30.37	30.0	27.0	22	68	.113	30.7	28.8	W	5			0	10	St	W	Cloudy			HPC	17
18	66.5	29.694	.111	29.583	30.55	32.0	29.7	26	76	.136	35.3	26.9	NW	4			0	10	St	NW	Cloudy			HPC	18
19	70.5	29.716	.122	29.594	30.56	30.6	28.1	24	74	.124	36.4	25.4	E	5			0	0	0	0	Clear			HPC	19
20	70.0	29.302	.119	29.183	30.13	34.0	31.5	28	77	.150	35.0	24.1	E	14			0	10	St	E	Cloudy			HPC	20
21	69.0	29.246	.116	29.130	30.07	43.2	41.7	40	88	.247	46.4	39.0	SE	12			T	0	0	0	Clear	B DNa E8.00a		HPC	21
22	69.5	28.962	.116	28.846	29.78	41.0	39.0	37	84	.219	48.0	40.0	SW	10			T	10	St	SW	Cloudy			HPC	22
23	66.0	29.128	.108	29.020	29.97	29.8	28.3	26	84	.136	32.0	29.8	SW	8			0	10	St	SW	Cloudy			HPC	23
24	69.5	29.203	.117	29.086	30.04	37.2	34.7	31	79	.172	42.4	32.7	S	10			0	0	0	0	Clear			HPC	24
25	68.0	29.366	.113	29.253	30.20	34.5	32.2	29	79	.157	38.4	34.0	SE	4			0	10	St	S	Cloudy			HPC	25
26	70.0	28.576	.116	28.462	29.38	44.0	43.8	44	98	.287	44.0	33.3	SE	6			.13	10	Nb	SE	Lt Rain	B DNa E 4.00p		HPC	26
27	66.5	29.248	.109	29.139	30.10	19.7	18.5	16	82	.085	27.4	19.7	W	28	31	W	T	7	St	W	Pt Cloudy			HPC	27
28	69.5	29.655	.119	29.536	30.52	22.4	18.9	7	52	.060	23.5	7.4	SW	3			0	0	0	0	Clear			HPC	28
29	69.0	29.463	.117	29.346	30.31	35.2	31.2	25	64	.130	36.8	23.0	S	8			0	10	St	S	Cloudy			HPC	29
30	70.0	29.094	.118	28.976	29.93	35.0	35.0	35	100	.203	35.5	33.0	E	6			.42	10	Nb	E	Lt Rain			HPC	30
31	58.0	29.040	.068	28.954	29.90	21.2	19.6	16	77	.085	42.0	20.0	SW	28	42	SW	T	10	St	SW	Cloudy			HPC	31
Sums		(a)	(a)	905.123	934.60	1095.6	1029.0	927	2460	5.442	(a)	(a)	(a)	288	(a)	(a)	1.11	219	(a)	(a)	(a)	2	0	(a)	(a)
Means		(a)	(a)	29.198	30.148	35.3	33.2	29.9	79.4	.176	(a)	(a)	(c) SW	9.3	(a)	(a)	(a)	7.1	(c) St	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1911

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Friday 1	34	24	10	5	29																.02					0.2	T	.02	1
2	34	28	6	2	31																.10 †					0	0	1.0 †	2
3	30	12	18	10	21																.37 †					5.6	5.6	3.6 †	3
4	30	6	24	3	18																0					0	5.2	0	4
5	39	19	20	11	29																0					0	3.0	0	5
6	48	26	22	8	37																0					0	T	0	6
7	46	33	13	3	40																0					0	T	0	7
8	54	42	12	8	48																.32					0	0	0	8
9	55	49	6	4	52																.15					0	0	0	9
10	60	50	10	3	55																.15					0	0	0	10
11	50	40	10	10	45																.41					0	0	0	11
12	40	34	6	8	37																0					0	0	0	12
13	42	31	11	1	36																0					0	0	0	13
14	33	27	6	6	30																.12					T	T	.10	14
15	34	30	4	2	32																0					0	0	0	15
16	40	32	8	4	36																.31					0	0	0	16
17	33	27	6	6	30																0					0	0	0	17
18	35	26	9	0	30																0					0	0	0	18
19	36	25	11	0	30																0					0	0	0	19
20	35	24	11	0	30																.14					0	0	0	20
21	46	33	13	10	40																.01					0	0	0	21
22	48	33	15	0	40																T					0	0	0	22
23	33	29	4	9	31																0					0	0	0	23
24	42	30	12	5	36																0					0	0	0	24
25	38	32	6	1	35																0					0	0	0	25
26	48	32	16	5	40																.14					0	0	0	26
27	35	10	25	18	22																.01					0.1	0.1	.01	27
28	24	7	17	6	16																0					T	0	0	28
29	37	19	18	12	28																0					0	0	0	29
30	36	31	5	6	34																.65 †					3.0	T	.30 †	30
31	42	18	24	4	30																.03 †					T	T	T	31
S.	1237	858	379	170	1048		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.93		Total excess or deficiency since January 1,			8.9	(a)	(a)	(a)
M.	39.9	27.7	12.2	5.5	33.8	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

† Estimated
+ melted as it fell

8—154

SUMMARY FOR THE MONTH OF December, 1911.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.006)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.192	29.198	29.195	29.636	19"	28.462	26	1.174	30.143	30.148	30.146	30.61	19	29.38	26	1.23
Corrected mean		29.189						Corrected mean		30.140	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
31.7	35.3	33.5	30.2	33.2	31.7	39.9	27.7	33.8	-	-	-	60	10"	6	4"	54	25	27	4	15"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
27.7	29.9	28.8	84.5	79.4	82.0	.160	.176	.168	3	0	21	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7,346	9.9	SW	44	SW	26"	6	6	5	7	9	22	5	2	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
8.2	7.1	7.8	24	5	3	23	0	0	15

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	26"-27"-31"	0	0	21"-26	9"	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest Amount in 24 Consecutive Hours. Am't.	Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 Inch per Hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total Depth. (o)	Average Depth at End of Month.
2.93	0.65	30"	—	0	—	—	0	—	1	15	11	5	0	16	7	6	8.9	7

Believed to be correct. Some snow during month

(w) Maximum precipitation in 5 minutes .04, date 10"; 10 minutes .07, date 10"; 15 minutes .10, date 10";

30 minutes .10, date .10; 1 hour .15, date 11"; 2 hours .29, date 11"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
					None.															

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ C. S. Palmer L.T., Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

Date.	SPECIAL OBSERVATIONS.																								Date.
	Time.		Barometer.					Thermometers.						Wind.					Clouds.						
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	

Nil
1. one.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

.....

For the Month of ....., *191*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date ....; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, ...; sum of corrections, ...; date and observation upon which use of station barometer commenced, ...; station elevation, ... feet; actual elevation, ... feet.

Location of office: Number ..... street, room ....; first observation taken in present office, ... m. ....., 19

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO ..... A. M. ..... MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ..... A. M. LOCAL MEAN TIME.

Date.	Barometer.					Thermometers.		Dew-point.	Relative humidity.	Vapor pressure.	Self-reg. ther's.		Wind.				Precipitation.	Clouds.			State of Weather.		Initials of observer.	Date.
	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Dry. (b)	Wet. (b)	(b)	(b)	(b)	Max. (b)	Min. (b)	Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Amt. at 8 a. m. (b) ††	Amt.	Kind.	Dir. from.				
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1																								1
2																								2
3																								3
4																								4
5																								5
6																								6
7																								7
8																								8
9																								9
10																								10
11																								11
12																								12
13																								13
14																								14
15																								15
16																								16
17																								17
18																								18
19																								19
20																								20
21																								21
22																								22
23																								23
24																								24
25																								25
26																								26
27																								27
28																								28
29																								29
30																								30
31																								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)			(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

OBSERVATIONS AT 8 **P. M. 75TH MERIDIAN TIME,** WHICH CORRESPONDS TO ..... **P. M.** ..... **MERIDIAN TIME,** THE STANDARD OF TIME IN LOCAL USE; ..... **P. M. LOCAL MEAN TIME.**

Date.	Barometer.					Thermometers.		Dew-point.	Relative humidity.	Vapor pressure.	Self-reg. ther's.		Wind.				Precipitation.	Clouds.			State of Weather.	Fog, Mid. to Mid. (local standard time).		Initials of observer.	Date.
	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Dry. (b)	Wet. (b)	(b)	(b)	(b)	Max. (b)	Min. (b)	Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Amt. at 8 p. m. (b) ††	Amt.	Kind.	Dir. from.		Light. (f)	Dense. (f)		
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)			(a)	(a)	(a)			(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 191

Date.	TEMPERATURE.								PRECIPITATION.																					Date.
	Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. --p.m. to --p.m. * ‡‡	Snow unmelted. --p.m. to --p.m. * ‡‡	Hail, sleet, and snow on ground at --p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	
	°	°	°	°	°																In.				In.	In.	In.	In	
1																														1
2																														2
3																														3
4																														4
5																														5
6																														6
7																														7
8																														8
9																														9
10																														10
11																														11
12																														12
13																														13
14																														14
15																														15
16																														16
17																														17
18																														18
19																														19
20																														20
21																														21
22																														22
23																														23
24																														24
25																														25
26																														26
27																														27
28																														28
29																														29
30																														30
31																														31
S....							Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			Total excess or deficiency since January 1,			(a)	(a)	(a)
M....						(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF _____, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean _____)

STATION.								REDUCED.								
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)						
Corrected mean____								Corrected mean____			3,500-ft_____			10,000-ft_____		

TEMPERATURE.

Mean.																						
Dry.			Wet.			Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
8 a. m.	8 p. m.	(8+8)÷2 (g)	8 a. m.	8 p. m.	Monthly. (g)															

Dew-point.			Relative Humidity.			Vapor Pressure.			Number of days with—(j)			
									Maximum.		Minimum.	
8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	32° or below.	90° or above.	32° or below.	Zero or below.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the—								
						N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.

WEATHER.

Mean Cloudiness.			Sunshine.	Number of Days.			Number of Days with Precipitation (Mid. to Mid.).		
8 a. m.	8 p. m.	Monthly. (t)	Percentage of possible.	Clear.	Partly cloudy.	Cloudy.	Clear. (u)	Partly cloudy. (u)	Cloudy. (u)

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts.			Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog.		Haze.		Smoke.		Hail.	Aurora.
Light.	Heavy.	Killing.					Light.	Dense.	Light.	Dense.	Light.	Dense.		

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours.		Excessive.						Number of days with—(Mid. to Mid.).								Snow.	
			2.50 Inches in 24 Hours. (l) *			1 Inch per Hour. (l)									Snow.		Total Depth. (o)	Average Depth at End of Month.
	Am't.	Date. (k)	Am't.	Duration. h. m.	Date. (k)	Am't.	Duration. h. m.	Date. (k)	Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Trace or more.	.01 or more melted.		

(w) Maximum precipitation in 5 minutes _____, date _____; 10 minutes _____, date _____; 15 minutes _____, date _____;

30 minutes _____, date _____; 1 hour _____, date _____; 2 hours _____, date _____

EXCESSIVE.

Date.	Total Duration.		Total am't of precipitation.	Excessive Rate.		Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ _____, _____, *Weather Bureau.*

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

Date.	SPECIAL OBSERVATIONS.																									Date.
	Time.		Barometer.					Thermometers.						Wind.					Clouds.							
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.		

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

.....

For the Month of ....., *191*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date .....; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, ...; sum of corrections, ...; date and observation upon which use of station barometer commenced, ...; station elevation, ... feet; actual elevation, ... feet.

Location of office: Number ..... street, room .....; first observation taken in present office, ... m. ....., 19

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, *for the Month of* _____, *191*

Number of Station barometer, _____; *sum of corrections,* _____ *inch.*

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO _____ A. M. _____ MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; _____ A. M. LOCAL MEAN TIME.

Date.	Barometer.					Thermometers.		Dew-point.	Relative humidity.	Vapor pressure.	Self-reg. ther's.		Wind.				Precipitation.	Clouds.			State of Weather.		Initials of observer.	Date.
	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Dry. (b)	Wet. (b)	(b)	(b)	(b)	Max. (b)	Min. (b)	Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Amt. at 8 a. m. (b) ††	Amt.	Kind.	Dir. from.				
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1																								1
2																								2
3																								3
4																								4
5																								5
6																								6
7																								7
8																								8
9																								9
10																								10
11																								11
12																								12
13																								13
14																								14
15																								15
16																								16
17																								17
18																								18
19																								19
20																								20
21																								21
22																								22
23																								23
24																								24
25																								25
26																								26
27																								27
28																								28
29																								29
30																								30
31																								31
Sums _____		(a)	(a)								(a)	(a)	(a)		(a)	(a)			(a)	(a)	(a)		(a)	(a)
Means _____		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO ..... P. M. ..... MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ..... P. M. LOCAL MEAN TIME.

Date.	Barometer.					Thermometers.		Dew-point.	Relative humidity.	Vapor pressure.	Self-reg. ther's.		Wind.				Precipitation.	Clouds.			State of Weather.	Fog, Mid. to Mid. (local standard time).		Initials of observer.	Date.
	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Dry. (b)	Wet. (b)	(b)	(b)	(b)	Max. (b)	Min. (b)	Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Amt. at 8 p. m. (b) ††	Amt.	Kind.	Dir. from.		Light. (f)	Dense. (f)		
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)			(a)	(a)	(a)			(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Date.	TEMPERATURE.								PRECIPITATION.																				Date.
	Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. --p.m. to --p.m. * ‡‡	Snow unmelted. --p.m. to --p.m. * ‡‡	Hail, sleet, and snow on ground at --p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	
	°	°	°	°	°																In.				In.	In.	In.	In	
1																													1
2																													2
3																													3
4																													4
5																													5
6																													6
7																													7
8																													8
9																													9
10																													10
11																													11
12																													12
13																													13
14																													14
15																													15
16																													16
17																													17
18																													18
19																													19
20																													20
21																													21
22																													22
23																													23
24																													24
25																													25
26																													26
27																													27
28																													28
29																													29
30																													30
31																													31
S....							Total excess or deficiency since January 1, ...		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			Total excess or deficiency since January 1, ...			(a)	(a)	(a)	
M....						(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF _____, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean _____)

STATION.								REDUCED.							
Mean.			Highest.	Date.	Lowest.	Date.	Absolute range.	Mean.			Highest.	Date.	Lowest.	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)	(h)		(h)			8 a. m.	8 p. m.	Monthly. (g)	(h)		(h)		
Corrected mean____								Corrected mean____			3,500-ft_____			10,000-ft_____	

TEMPERATURE.

Mean.																						
Dry.			Wet.			Max.	Min.	Monthly.	Sea-level.	3,500-ft.	10,000-ft.	Highest.	Date.	Lowest.	Date.	Absolute range.	Greatest daily range.	Date.	Least daily range.	Date.
8 a. m.	8 p. m.	(8+8)÷2 (g)	8 a. m.	8 p. m.	Monthly. (g)			(g)	(g)	(g)	(g)	(i)	(i)	(i)	(i)		(i)	(i)	(i)	(i)

Dew-point.			Relative Humidity.			Vapor Pressure.			Number of days with—(j)			
									Maximum.		Minimum.	
8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	32° or below.	90° or above.	32° or below.	Zero or below.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the—								
						N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.

WEATHER.

Mean Cloudiness.			Sunshine.	Number of Days.			Number of Days with Precipitation (Mid. to Mid.).		
8 a. m.	8 p. m.	Monthly. (t)	Percentage of possible.	Clear.	Partly cloudy.	Cloudy.	Clear. (u)	Partly cloudy. (u)	Cloudy. (u)

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts.			Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog.		Haze.		Smoke.		Hail.	Aurora.
Light.	Heavy.	Killing.					Light.	Dense.	Light.	Dense.	Light.	Dense.		

PRECIPITATION (in inches and hundredths). (m)

Total Amount.	Greatest Amount in 24 Consecutive Hours.		Excessive.						Number of days with—(Mid. to Mid.).								Snow.		
			2.50 Inches in 24 Hours. (l) *			1 Inch per Hour. (l)									Snow.				
	Am't.	Date. (k)	Am't.	Duration. h. m.	Date. (k)	Am't.	Duration. h. m.	Date. (k)	Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Trace or more.	.01 or more melted.	Total Depth. (o)	Average Depth at End of Month.

(w) Maximum precipitation in 5 minutes _____, date _____; 10 minutes _____, date _____; 15 minutes _____, date _____;

30 minutes _____, date _____; 1 hour _____, date _____; 2 hours _____, date _____

EXCESSIVE.

Date.	Total Duration.		Total am't of precipitation.	Excessive Rate.		Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ _____, _____, *Weather Bureau.*

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

Date.	SPECIAL OBSERVATIONS.																									Date.
	Time.		Barometer.					Thermometers.						Wind.					Clouds.							
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

For the Month of ....., *191*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date .....; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, ...; sum of corrections, ...; date and observation upon which use of station barometer commenced, ...; station elevation, ... feet; actual elevation, ... feet.

Location of office: Number ..... street, room .....; first observation taken in present office, ... m. ....., 19

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO ..... A. M. ..... MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ..... A. M. LOCAL MEAN TIME.

Date.	Barometer.					Thermometers.		Dew-point.	Relative humidity.	Vapor pressure.	Self-reg. ther's.		Wind.				Precipitation.	Clouds.			State of Weather.		Initials of observer.	Date.
	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Dry. (b)	Wet. (b)	(b)	(b)	(b)	Max. (b)	Min. (b)	Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Amt. at 8 a. m. (b) ††	Amt.	Kind.	Dir. from.				
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1																								1
2																								2
3																								3
4																								4
5																								5
6																								6
7																								7
8																								8
9																								9
10																								10
11																								11
12																								12
13																								13
14																								14
15																								15
16																								16
17																								17
18																								18
19																								19
20																								20
21																								21
22																								22
23																								23
24																								24
25																								25
26																								26
27																								27
28																								28
29																								29
30																								30
31																								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)			(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO ..... P. M. ..... MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ..... P. M. LOCAL MEAN TIME.

Date.	Barometer.					Thermometers.		Dew-point.	Relative humidity.	Vapor pressure.	Self-reg. ther's.		Wind.				Precipitation.	Clouds.			State of Weather.	Fog, Mid. to Mid. (local standard time).		Initials of observer.	Date.
	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Dry. (b)	Wet. (b)	(b)	(b)	(b)	Max. (b)	Min. (b)	Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Amt. at 8 p. m. (b) ††	Amt.	Kind.	Dir. from.		Light. (f)	Dense. (f)		
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)			(a)	(a)	(a)			(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 191

Date.	TEMPERATURE. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. --p.m. to --p.m. * ‡‡	Snow unmelted. --p.m. to --p.m. * ‡‡	Hail, sleet, and snow on ground at --p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In	
1																													1
2																													2
3																													3
4																													4
5																													5
6																													6
7																													7
8																													8
9																													9
10																													10
11																													11
12																													12
13																													13
14																													14
15																													15
16																													16
17																													17
18																													18
19																													19
20																													20
21																													21
22																													22
23																													23
24																													24
25																													25
26																													26
27																													27
28																													28
29																													29
30																													30
31																													31
S....							Total excess or deficiency since January 1, ...		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			Total excess or deficiency since January 1, ...			(a)	(a)	(a)
M....						(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF _____, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean _____)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
Corrected mean____								Corrected mean____			3,500-ft_____			10,000-ft_____	

TEMPERATURE.

Mean.																				
Dry.			Wet.			Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
8 a. m.	8 p. m.	(8+8)÷2 (g)	8 a. m.	8 p. m.	Monthly. (g)															

Dew-point.			Relative Humidity.			Vapor Pressure.			Number of days with—(j)			
									Maximum.		Minimum.	
8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	32° or below.	90° or above.	32° or below.	Zero or below.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the—								
						N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.

WEATHER.

Mean Cloudiness.			Sunshine.	Number of Days.			Number of Days with Precipitation (Mid. to Mid.).		
8 a. m.	8 p. m.	Monthly. (t)	Percentage of possible.	Clear.	Partly cloudy.	Cloudy.	Clear. (u)	Partly cloudy. (u)	Cloudy. (u)

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts.			Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog.		Haze.		Smoke.		Hail.	Aurora.
Light.	Heavy.	Killing.					Light.	Dense.	Light.	Dense.	Light.	Dense.		

PRECIPITATION (in inches and hundredths). (m)

Total Amount.	Greatest Amount in 24 Consecutive Hours.		Excessive.						Number of days with—(Mid. to Mid.).								Snow.	
			2.50 Inches in 24 Hours. (l) *			1 Inch per Hour. (l)									Snow.		Total Depth. (o)	Average Depth at End of Month.
	Am't.	Date. (k)	Am't.	Duration. h. m.	Date. (k)	Am't.	Duration. h. m.	Date. (k)	Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Trace or more.	.01 or more melted.		

(w) Maximum precipitation in 5 minutes _____, date _____; 10 minutes _____, date _____; 15 minutes _____, date _____;

30 minutes _____, date _____; 1 hour _____, date _____; 2 hours _____, date _____

EXCESSIVE.

Date.	Total Duration.		Total am't of precipitation.	Excessive Rate.		Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ _____, _____, *Weather Bureau.*

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

Date.	SPECIAL OBSERVATIONS.																								Date.
	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

.....

For the Month of ....., *191*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date .....; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, ...; sum of corrections, ...; date and observation upon which use of station barometer commenced, ...; station elevation, ... feet; actual elevation, ... feet.

Location of office: Number ..... street, room .....; first observation taken in present office, ... m. ....., 19

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO ..... A. M. ..... MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ..... A. M. LOCAL MEAN TIME.

Date.	Barometer.					Thermometers.		Dew-point.	Relative humidity.	Vapor pressure.	Self-reg. ther's.		Wind.				Precipitation.	Clouds.			State of Weather.		Initials of observer.	Date.
	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Dry. (b)	Wet. (b)	(b)	(b)	(b)	Max. (b)	Min. (b)	Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Amt. at 8 a. m. (b) ††	Amt.	Kind.	Dir. from.				
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1																								1
2																								2
3																								3
4																								4
5																								5
6																								6
7																								7
8																								8
9																								9
10																								10
11																								11
12																								12
13																								13
14																								14
15																								15
16																								16
17																								17
18																								18
19																								19
20																								20
21																								21
22																								22
23																								23
24																								24
25																								25
26																								26
27																								27
28																								28
29																								29
30																								30
31																								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)			(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

OBSERVATIONS AT 8 **P. M. 75TH MERIDIAN TIME,** WHICH CORRESPONDS TO ..... **P. M.** ..... **MERIDIAN TIME,** THE STANDARD OF TIME IN LOCAL USE; ..... **P. M. LOCAL MEAN TIME.**

Date.	Barometer.					Thermometers.		Dew-point.	Relative humidity.	Vapor pressure.	Self-reg. ther's.		Wind.				Precipitation.	Clouds.			State of Weather.	Fog, Mid. to Mid. (local standard time).		Initials of observer.	Date.
	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Dry. (b)	Wet. (b)	(b)	(b)	(b)	Max. (b)	Min. (b)	Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Amt. at 8 p. m. (b) ††	Amt.	Kind.	Dir. from.		Light. (f)	Dense. (f)		
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)			(a)	(a)	(a)			(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 191

Date.	TEMPERATURE. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. --p.m. to --p.m. * ‡‡	Snow unmelted. --p.m. to --p.m. * ‡‡	Hail, sleet, and snow on ground at --p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In	
1																													1
2																													2
3																													3
4																													4
5																													5
6																													6
7																													7
8																													8
9																													9
10																													10
11																													11
12																													12
13																													13
14																													14
15																													15
16																													16
17																													17
18																													18
19																													19
20																													20
21																													21
22																													22
23																													23
24																													24
25																													25
26																													26
27																													27
28																													28
29																													29
30																													30
31																													31
S....							Total excess or deficiency since January 1, ...		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			Total excess or deficiency since January 1, ...			(a)	(a)	(a)
M....						(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF _____, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean _____)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
Corrected mean____								Corrected mean____			3,500-ft_____			10,000-ft_____	

TEMPERATURE.

Mean.																				
Dry.			Wet.			Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
8 a. m.	8 p. m.	(8+8)÷2 (g)	8 a. m.	8 p. m.	Monthly. (g)															

Dew-point.			Relative Humidity.			Vapor Pressure.			Number of days with—(j)			
									Maximum.		Minimum.	
8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	32° or below.	90° or above.	32° or below.	Zero or below.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the—								
						N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.

WEATHER.

Mean Cloudiness.			Sunshine.	Number of Days.			Number of Days with Precipitation (Mid. to Mid.).		
8 a. m.	8 p. m.	Monthly. (t)	Percentage of possible.	Clear.	Partly cloudy.	Cloudy.	Clear. (u)	Partly cloudy. (u)	Cloudy. (u)

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts.			Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog.		Haze.		Smoke.		Hail.	Aurora.
Light.	Heavy.	Killing.					Light.	Dense.	Light.	Dense.	Light.	Dense.		

PRECIPITATION (in inches and hundredths). (m)

Total Amount.	Greatest Amount in 24 Consecutive Hours.		Excessive.						Number of days with—(Mid. to Mid.).								Snow.	
			2.50 Inches in 24 Hours. (l) *			1 Inch per Hour. (l)									Snow.			
	Am't.	Date. (k)	Am't.	Duration. h. m.	Date. (k)	Am't.	Duration. h. m.	Date. (k)	Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Trace or more.	.01 or more melted.	Total Depth. (o)	Average Depth at End of Month.

(w) Maximum precipitation in 5 minutes _____, date _____; 10 minutes _____, date _____; 15 minutes _____, date _____;

30 minutes _____, date _____; 1 hour _____, date _____; 2 hours _____, date _____

EXCESSIVE.

Date.	Total Duration.		Total am't of precipitation.	Excessive Rate.		Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ _____, _____, *Weather Bureau.*

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

Date.	SPECIAL OBSERVATIONS.																									Date.
	Time.		Barometer.					Thermometers.						Wind.					Clouds.							
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1002—Met'l.

U. S. Department of Agriculture,

WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

191 1

STATION:

Fort Wayne, Ind.

LOCATION OF OFFICE DECEMBER 31, 191

Street, Cor. Berry + Calhoun St.

Number,

Room, 911 - 912

SUM OF BAROMETER CORRECTIONS.

From ..... *m.* ..... *to* ..... *m.* ..... *inc.,* ..... *in.*

From ..... *m.* ..... *to* ..... *m.* ..... *inc.,* ..... *in.*

From ..... *m.* ..... *to* ..... *m.* ..... *inc.,* ..... *in.*

8—272

ANNUAL METEOROLOGICAL SUMMARY FOR 1911.—STATION *Fort Wayne, Ind.*

Latitude N. 41° 5'. Longitude W. 85° 10'. Local time 0 h. 41 min. (t) Slower than 75th meridian time.

MONTHS.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea-Level, 856 Feet. Mean. 8 a. m. (c)	Mean. 8 p. m. (c)	Mean. Corrected monthly. (c)	Highest observed. (c)	Date.	Lowest observed. (c)	Date.	Absolute range. (c)	TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 113 Feet. Mean. 8 a. m. (d)	Mean. 8 p. m. (d)	From Self-Registering Instruments. Mean. Max. (d)	Mean. Min. (d)	Mean. Monthly. (d)	Highest. (e)	Date.	Lowest. (e)	Date.	Range. Absolute. (e)	Range. Mean daily. (d)	Mean daily change. (d)	No. of Days. Max. 32° or below	Max. 90° or above	Min. 32° or below
	In.	In.	In.	In.		In.		In.	°	°	°	°	°	°		°		°	°	°			
Jan.,	29.089	29.034	29.058	29.319	30"	28.783	12	.536	66.6	76.6	80.5	61.1	70.8	96	10	50	15	46	19.4	4.0	0	4	0
Feb.,																							
Mar.,																							
April,																							
May,																							
~~June,~~																							
July,	29.151	29.088	29.117	29.334	27	28.681	23	.653	69.3	77.7	84.7	62.9	73.8	100	4	49	25	51 ~~30~~	21.8	3.5	0	9	0
Aug.,	29.141	29.092	29.112	29.307	30"	28.928	1"	.379	66.2	74.1	80.5	61.3	70.9	97	10	47	30	50	19.2	3.8	0	3	0
Sept.,	29.169	29.121	29.140	29.410	22	28.880	11	.530	60.9	69.0	75.5	57.4	66.4	89	2	48	30	41	18.1	3.7	0	0	0
Oct.,	29.169	29.144	29.150	29.496	24	28.688	6"	.808	45.8	53.4	59.8	42.6	51.2	80	6	29	29	51	17.2	4.7	0	0	3
Nov.,	29.100	29.101	29.093	29.752	2"	28.512	17	1.240	32.4	36.2	42.4	28.1	35.2	70	11"	10	13"	60	14.3	7.0	5	0	21
Dec.,	29.192	29.198	29.189	29.636 a	19 a	28.462 a	26 a	1.174	31.7	35.3	39.9	27.7	33.8	60 a	10 a	6 a	4 a	54	12.2	5.5	3	0	21
Sum,				Highest.	Date.	Lowest.	Date.							Max.	Date.	Min.	Date.						
Mean,																					a	a	a

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. t Enter the word "faster," or "slower," as the case may be.

8—272

MONTHS.	CORRECTED MEAN MONTHLY REDUCED PRESSURES AND MEAN MONTHLY REDUCED TEMPERATURES.						DEW-POINT.			RELATIVE HUMIDITY (Percentage).			VAPOR PRESSURE.			PRECIPITATION. (Amount in inches and hundredths.) ELEVATION OF TOP OF GAGE ABOVE GROUND DEC. 31, 107 FEET.									SNOWFALL (total depth.)
	SEA-LEVEL.		3,500-FOOT.		10,000-FOOT.		MEAN.			MEAN.			MEAN.			TOTAL AMOUNT.	GREATEST AMOUNT IN ANY 24 CONSECUTIVE HOURS.		EXCESSIVE. 2.50 inches in 24 hours. (g) (h)			EXCESSIVE. 1 inch per hour. (g)			
	Pressure. (c)	Temperature. (d)	Pressure. (b)	Temperature. (d)	Pressure. (b)	Temperature. (d)	8 a. m. (e)	8 p. m. (e)	Monthly. (e)	8 a. m. (e)	8 p. m. (e)	Monthly. (e)	8 a. m. (c)	8 p. m. (c)	Monthly. (c)		Amt.	Date.	Amt.	Dur't'n. (h.&m.)	Date.	Amt.	Dur't'n. (h.&m.)	Date.	
	In.	°	In.	°	In.	°	°	°	°	%	%	%	In.	In.	In.	In.	In.		In.			In.			In.
~~Jan.~~ June,	29.968						59	60	59	77	61	69	.508	.526	.517	4.41	1.91	25-26	—	0	—	—	0	—	0
Feb.,																									
Mar.,																									
April,																									
May,																									
June,																									
July,	30.025						58	58	58	68	53	61	.498	.499	.498	2.19	0.83	6 24-23	—	0	—	—	0	—	0
Aug.,	30.024						60	60	60	80	64	72	.521	.533	.527	2.91	1.00	24	—	0	—	—	0	—	0
Sept.,	30.059						56	60	58	85	74	79	.464	.522	.493	3.30	1.20	14-15	—	0	—	—	0	—	0
Oct.,	30.084						42	46	44	87	77	82	.275	.329	.302	3.51	1.53	1"-2"	—	0	—	—	0	—	0
Nov.,	30.041						27	29	28	80	74	77	.162	.173	.168	3.75	1.23	17	—	0	—	—	0	—	4.5
Dec.,	30.140						28	30	29	84	79	82	.160	.176	.168	2.93	0.65	30	—	0	—	—	0	—	8.[illegible]
Sum,																	a	a	a	a	a	a	a	a	
Mean,																a			a	a	a	a	a	a	a

b To hundredths. *g* No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. *h* The duration is the time precipitation was actually recorded.

Months.	Mean Cloudiness. (0 to 10.) 8 a.m. (d)	8 p.m. (d)	Monthly. (d)	Hours of Sunshine. Total.	Possible.	Percentage.	Wind. Elevation of Anemometer Cups Above Ground Dec. 31, 124 Feet. Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 40 Miles and Over. (h)	Direction. Number of Times Observed Blowing from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Number of Days. Clear.	Partly Cloudy.	Cloudy.	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,																																	
Feb.,																																	
Mar.,																																	
April,																																	
May,																																	
June,	6.2	3.8	5.5	272.8 (87)	452.0	60 (4)	5,576	SW	33	NW	11	0	3	6	13	3	5	14	7	9	0	10	7	13	12	9	0	0	0	0	7	0
July,	3.4	5.0	4.7	323.7 (8)	458.3	70 (71)	5,659	SW	39	W	24	0	5	4	2	6	10	20	6	9	0	13	12	6	8	7	0	0	0	0	7	0
Aug.,	5.6	3.8	5.1	255.9	426.9	60	5,083	NE	31	NW	12	0	7	11	7	6	5	9	7	10	0	10	12	9	12	9	0	0	0	0	3	0
Sept.,	6.1	5.3	5.4	202.2	374.0	54	5,418	SW	35	SW	29	0	9	9	12	3	4	11	5	6	1	9	8	13	12	10	0	0	0	1	5	0
Oct.,	6.9	4.4	6.5	134.4	344.1	39	5,926	NE	35	W	4	0	7	15	6	6	5	14	5	4	0	5	9	17	18	10	0	0	0	3	5	0
Nov.,	7.0	5.5	7.3	93.3 (4)	297.0	31	9,161	SW	40	S	11	1	0	0	4	7	10	23	12	4	0	3	9	18	16	13	12	9	0	0	2	0
Dec.,	8.2	7.1	7.8	67.6	287.3	24	7,346	SW	44	SW	26	3	6	6	5	7	9	22	5	2	0	5	3	23	15	11	7	6	0	1	0	0
Sum,								a j	a j	a j	a j																						
Mean,							a					a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	

h Days with 40 miles per hour and over. *j* One entry only.

8—272

MONTHS.	WIND.																								
	MEAN HOURLY VELOCITY.																								
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	FOR THE MONTH.
Jan.,																									
Feb.,																									
Mar.,																									
April,																									
May,																									
June,	6.1	6.5	6.3	6.2	5.9	6.5	6.7	8.1	8.6	9.2	9.6	9.6	10.3	10.0	10.1	9.2	8.9	8.4	7.3	6.8	7.1	6.6	6.0	5.7	7.7
July,	6.0	5.7	5.4	5.4	5.1	5.9	6.6	7.0	7.9	8.8	9.7	10.6	11.2	11.3	10.4	10.2	9.4	8.4	7.4	6.3	5.9	6.0	5.8	6.2	7.6
Aug.,	5.3	5.5	5.2	5.0	5.1	5.8	6.9	6.9	7.0	7.6	8.6	8.6	9.1	9.3	9.2	9.0	8.4	7.3	6.1	5.9	6.0	5.9	5.9	5.4	6.8
Sept.,	6.6	7.5	7.4	7.5	7.1	6.7	6.7	7.2	7.3	8.5	8.9	9.3	9.7	9.1	9.2	8.6	8.0	6.4	6.1	6.3	6.4	6.9	6.7	6.3	7.5
Oct.,	7.0	6.6	6.9	7.3	7.3	7.3	7.3	8.0	8.6	9.1	9.7	10.0	10.9	10.2	9.8	8.8	7.7	7.1	6.8	6.9	7.1	7.0	6.9	6.9	8.0
Nov.,	10.8	11.0	11.1	11.8	11.2	11.6	11.6	11.7	12.7	13.6	14.8	15.3	16.0	14.9	14.1	13.8	12.6	12.5	12.6	12.3	12.6	12.5	12.9	11.4	12.7
Dec.,	9.2	8.7	8.7	8.8	9.1	9.2	8.9	9.0	9.5	10.6	11.6	11.6	12.0	11.7	11.3	10.8	10.0	9.6	9.4	9.3	9.7	9.4	9.5	9.4	9.9
Sum,																									
Mean,																									

MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)

MONTHS.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month
Jan.,																									
Feb.,																									
Mar.,																									
April,																									
May,																									
June,																									
July,																									
Aug.,																									
Sept.,																									
Oct.,																									
Nov.,																									
Dec.,																									
Sum,																									
Mean,																									

Prepared by .....

W. S. Adams

Weather Bureau.

8—272

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 20 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74 (3)	73	73	73	70	71	72	75	79	81	82
Nature of precipitation and time of beginning and ending					RB 5:40	RE 6:15 RB 6:15 RE 7:00						
Amounts of precipitation					.05	.01						
Cloudiness and other conditions					Cldy				Pt Cldy			
Sunrise: Time, 4.18 Character, Cloudy												
Sunshine (in tenths of hours)				0	0	0	0	0.6	1.0	1.0	1.0	
Wind direction	S	S	S	S	S	S	SW	S	S	S	S	SE
Wind movement	8	8	8	9	9	8	7	4	8	10	11	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	85	82	85	83	81	80	76	74	73	67	68
Nature of precipitation and time of beginning and ending				RB 4.25 RE 4.35						RB 10.27 RE 10.35		
Amounts of precipitation				T						.32		
Cloudiness and other conditions			Cldy			Pt Cldy						
Sunset: Time, 6.56 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	S	SE	S	S	S	S	SW	SW	SW	SW	SW	S
Wind movement	12	13	13	14	16	13	9	10	3	6	5	5

Maximum velocities (exceeding 30 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts: 10.27p	10.35p	.32	10.27p	10.33p	0 T	.31	.32												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
87	67	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight .38 inches.

Character of day, Pt Cldy Moon phase, Full

Actual sunshine, hours, 8.8

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 60

Prevailing direction S.

Total movement, 218

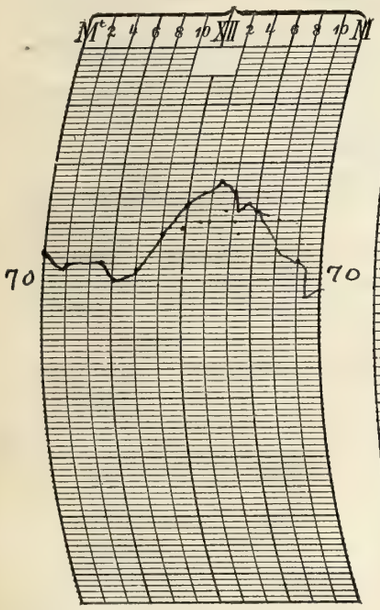
Average hourly velocity, 9.1

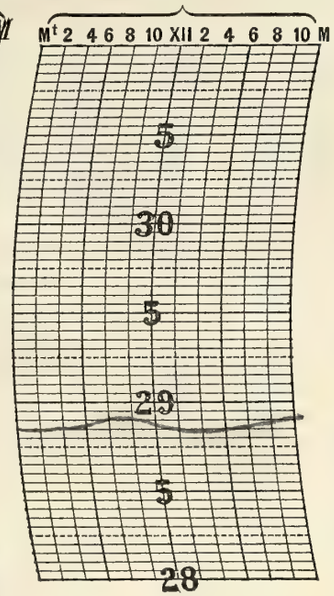
Maximum velocity,	Direction,	Time.
22	S	4.25p.

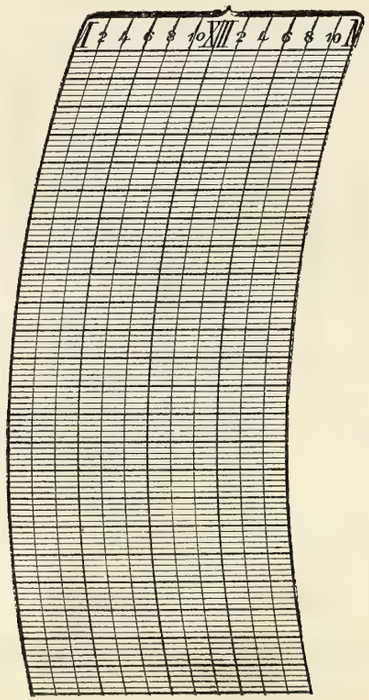
	a. m.	p. m.
Relative humidity,	89	61
Reduced barometer,	29.84.7	29.82.7

River gage,

NOTES.







Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 21 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	67	66	66	66	68	68	73	75	77	79	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Pt Cldy			
Sunrise: Time, 4.18; Character, Cloudy												
Sunshine (in tenths of hours)				0	0	0.4	0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	SE	SE	SE	S	S	SW	SW	S	S
Wind movement	7	8	6	6	7	8	8	10	14	11	11	10
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	80	82	76	79	80	79	74	68	68	67	67	67
State of weather: Nature of precipitation and time of beginning and ending		RB 2.14 RE 2.25					RB 7.02 RE 7.54					
Amounts of precipitation		T					.02					
Cloudiness and other conditions			Pt Cldy									
Sunset: Time, 6.57; Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	0.6	1.0	1.0	0.2	0					
Wind direction	S	S	SE	SE	S	S	SW	SW	S	S	S	S
Wind movement	12	8	10	6	9	7	13	12	7	5	4	2
Maximum velocities (exceeding 29 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

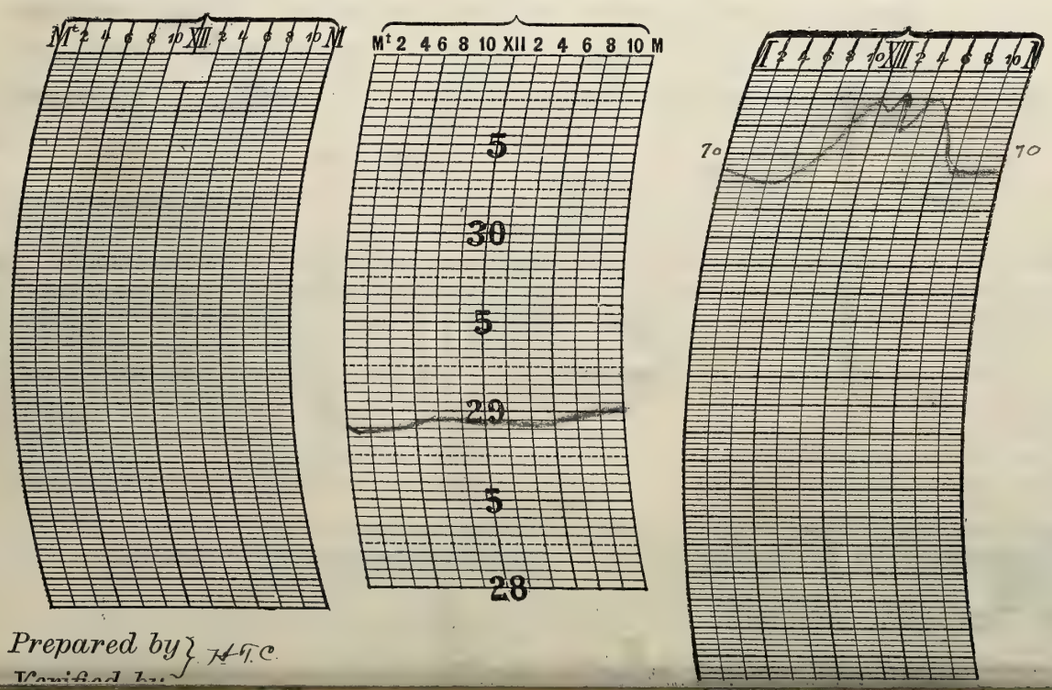
	Maximum.	Minimum.	Mean.	Normal.
	82	66	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to ~~8.27~~ a. m., .32 ins.; to 7 p. m., .07 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt Cldy, 7, Moon phase, Last Q.
Actual sunshine, hours, ~~7.0~~ 10.7
Possible sunshine, hours, ~~14.76~~
Percentage of possible sunshine, ~~68~~ 73
Prevailing direction S
Total movement, 201
Average hourly velocity, 8.4

Maximum velocity,	Direction,	Time.
18	SE	12.40 p

Relative humidity, 87 a. m., 63 p. m.
Reduced barometer, 29.94 a. m., 29.97 p. m.
River gage,

NOTES.



Prepared by } H.T.C.
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 22 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	66	65	66	64	67	70	73	75	78	79	80	73	70	69	65	65	65	65	64	64	63	63	63
State of weather: Nature of precipitation and time of beginning and ending													RB 1.05					RE 6.20						
Amounts of precipitation													T	0.3	0.4	0.6	0.1	T						
Cloudiness and other conditions				—	—			Pt Cldy	—	—	—	—	—	—	Pt Cldy	—	—	—	—					
Sunrise: Time, 4.17 Character, Cloudy																								
Sunset: Time, 6.58 Character, Cloudy																								
Sunshine (in tenths of hours)				0	0	0.5	0.7	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0	0	0	0					
Wind direction	S	S	SE	SE	E	SE	S	S	SE	SE	S	S	SW	SW	SW	SW	W	SW	SE	SE	SE	SE	SE	SE
Wind movement	3	5	3	3	2	5	6	6	6	9	13	18	23	15	12	10	7	7	3	3	2	5	4	6
Maximum velocities (exceeding 27 miles)																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .14 ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, Pt Cldy Moon phase,

Actual sunshine, hours, 6.8

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 46

Prevailing direction SE

Total movement, 176

Average hourly velocity, 7.4

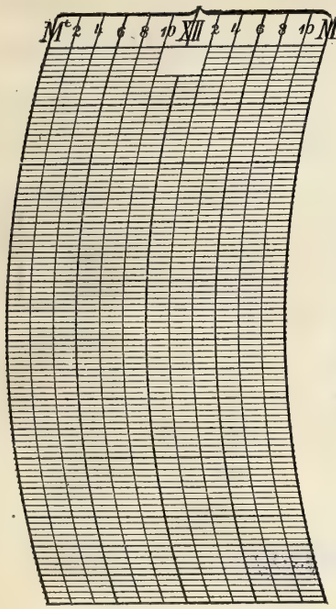
Maximum velocity,	Direction,	Time.
27	S	1.20 p.m.

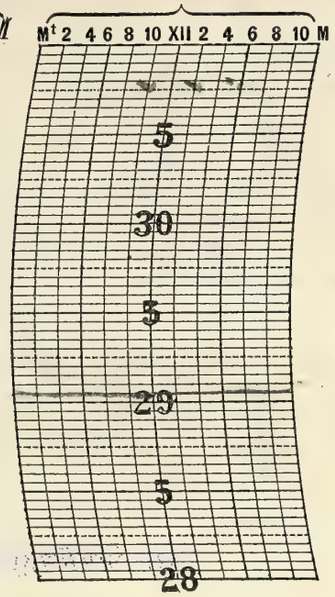
Relative humidity, 81 a. m. 92 p. m.

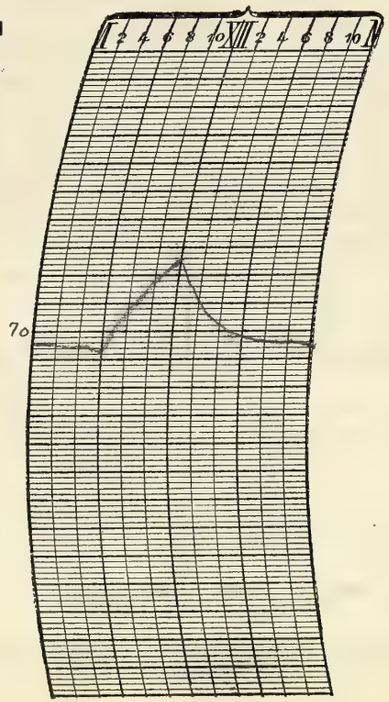
Reduced barometer, 30.03 a. m. 30.00 p. m.

River gage,

NOTES.







Prepared by } H.G.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 23 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	63	63	63	63	63	65	67	71	75	77	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				—	Clear	—	—	—	—	—	×	Pt
Sunrise: Time, 4.16 Character, Cloudy												
Sunshine (in tenths of hours)				0	0	0	0	1.0	1.0	1.0	1.0	0.9
Wind direction	SE	S	SW	SW	S	S	S	S	S	S	SW	SW
Wind movement	7	7	8	8	6	8	10	11	13	16	20	21
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	79	78	75	73	72	70	67	65	63	61	59
State of weather: Nature of precipitation and time of beginning and ending	RB 12.10 RE 12.40											
Amounts of precipitation	0.1											
Cloudiness and other conditions	Cldy	—	—	×	—	Clear	—	—	—	—	—	—
Sunset: Time, 6.59 Character, Clear												
Sunshine (in tenths of hours)	0.5	1.0	1.0	1.0	1.0	1.0	1.0					
Wind direction	SW	SW	SW	SW	W	W	W	SW	W	W	SW	SW
Wind movement	24	25	24	23	22	18	12	9	9	5	7	7
Maximum velocities (exceeding 29 miles)	32 138	30 305										

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	59	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.1 ins.

Total precipitation, midnight to midnight, 0.1 inches.

Character of day, Pt cloudy Moon phase,

Actual sunshine, hours, 11.4

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 78

Prevailing direction SW

Total movement, 320

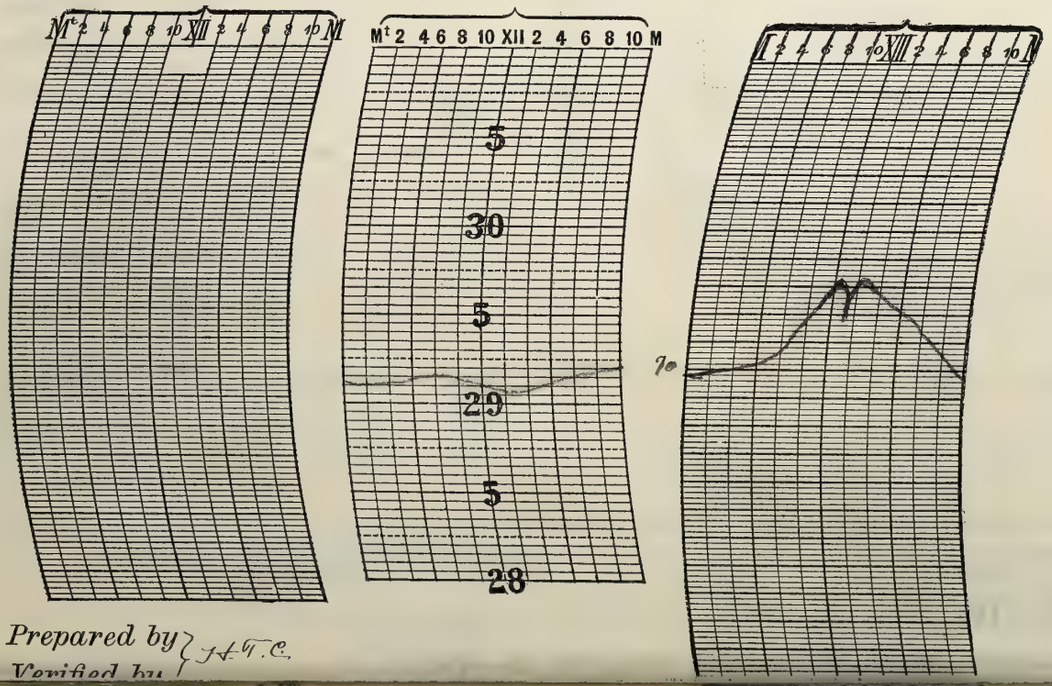
Average hourly velocity, 13.3

Maximum velocity, 32 Direction, SW Time. 1.38 p

Relative humidity, 85 a. m. 49 p. m.

Reduced barometer, 30.05 a. m. 30.06 p. m.

River gage,



NOTES.

Prepared by J.H.T.C.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 24 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	55	54	54	53	56	61	66	70	72	73	75	76	77	78	79	78	77	75	73	72	69	65	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear				Partly			Cloudy					Clear						
Sunrise: Time, 4.15; Character, Clear																					Sunset: Time, 7.00; Character, Clear			
Sunshine (in tenths of hours)				0.8	1.0	0.5 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0.0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	S	SE	SE	SE
Wind movement	6	7	8	7	6	7	7	8	10	11	11	11	13	11	10	10	9	8	6	3	2	1	2	2
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	53	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 7 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 14.78

Possible sunshine, hours, 14.78

Percentage of possible sunshine, 100

Prevailing direction W

Total movement, 176

Average hourly velocity, 7.3

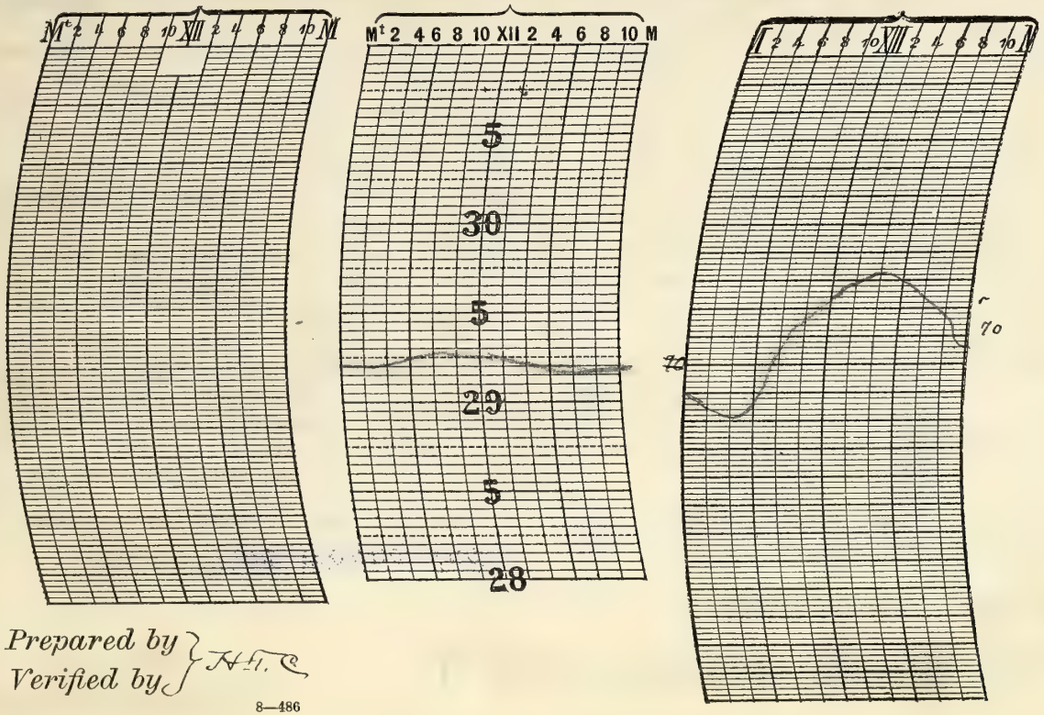
Maximum velocity, 13 16 Direction, SW Time. 9.42 a

Relative humidity, 73 a. m. 51 p. m.

Reduced barometer, 30.18 a. m. 30.11 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 25 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	62	59	61	60	64	70	71	76	81	86	89	89	90	91	92	90	89	85	81	79	75	74	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Pt Cldy						Clear												
Sunrise: Time, 7.15 Character, Clear																					Sunset: Time, 7.01 Character,			
Sunshine (in tenths of hours)				0.8	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 .06	.02				
Wind direction	SE	SE	E	E	E	SE	S	SW	SW	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	2	3	5	5	5	4	8	10	10	9	12	10	11	12	13	14	12	10	8	7	7	8	8	7
Maximum velocities (exceeding 29 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
91	59	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 14.8

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 100

Prevailing direction W

Total movement, 200

Average hourly velocity, 8.3

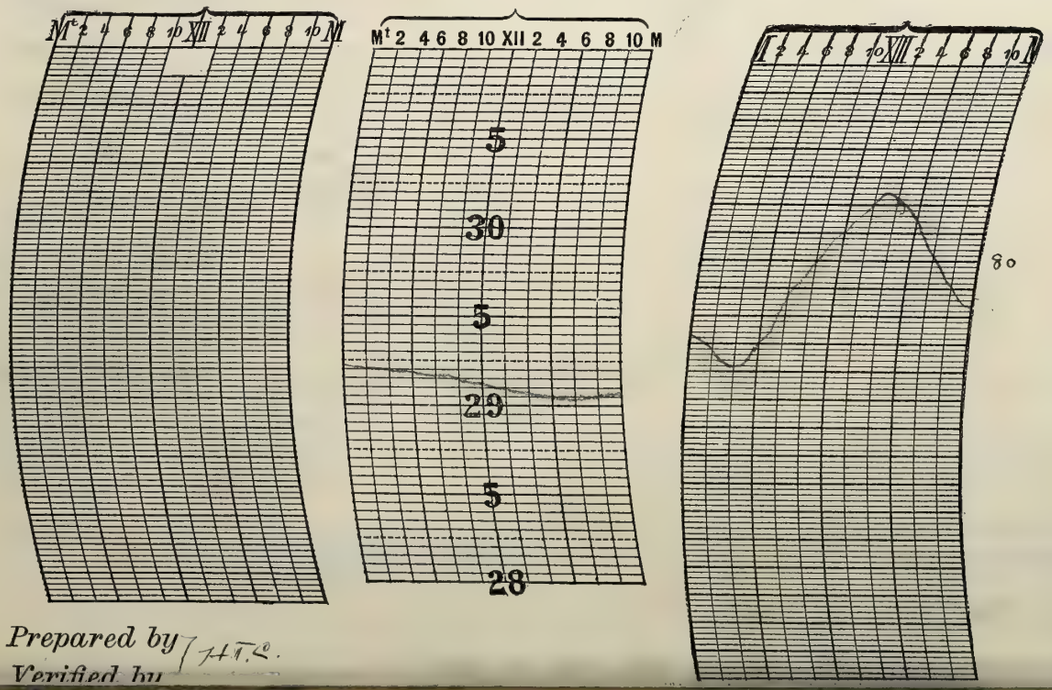
Maximum velocity, 16 Direction, SW Time. 328 p

Relative humidity, 60 a. m. 40 p. m.

Reduced barometer, 30.07 a. m. 29.94 p. m.

River gage,

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 26 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	69	67	66	65	64	73	78	83	86	88	90	91	92	93	93	92	91	88	86	85	79	79	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear																				
Sunrise: Time, 4.14 Character, Clear																					Sunset: Time, 7.02 Character, Clear			
Sunshine (in tenths of hours)				0.8	1.0	0.6 04	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 1.6					
Wind direction	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	W	NW	W	W	SW
Wind movement	8	10	6	8	9	8	7	9	12	13	15	15	12	12	11	10	9	5	3	4	1	1	1	2
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
93	64	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 14.8

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 100

Prevailing direction NW

Total movement, 191

Average hourly velocity, 8.0

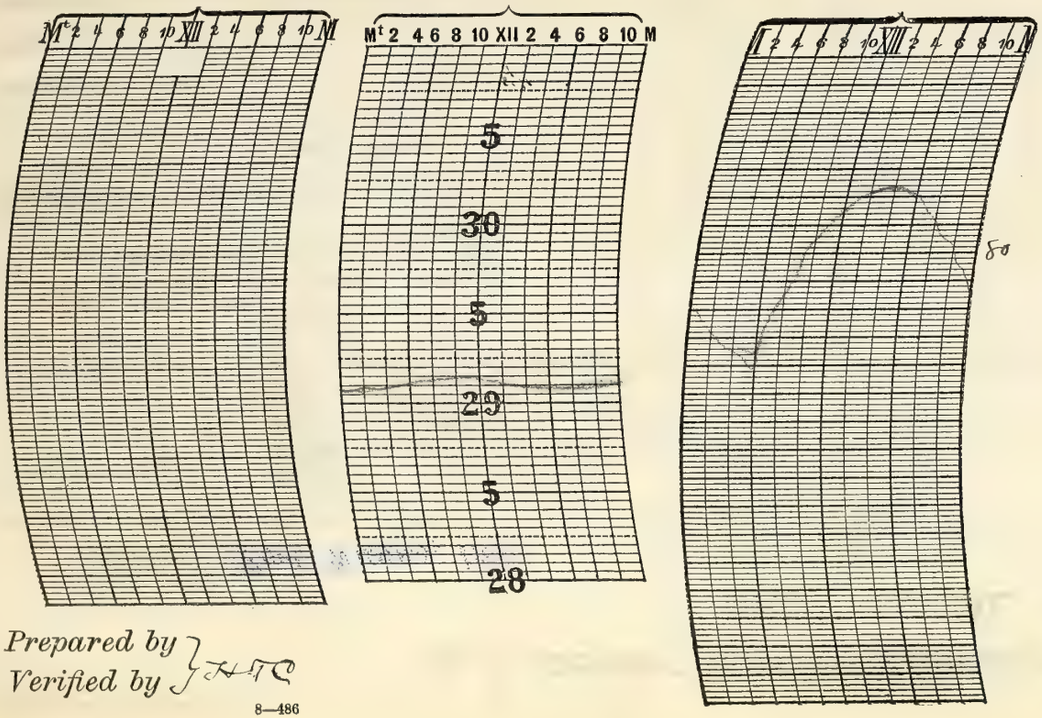
Maximum velocity,	Direction,	Time.
19	NW	10.42 A

Relative humidity, 62 a. m. 34 p. m.

Reduced barometer, 30.02 a. m. 29.99 p. m.

River gage,

NOTES.



Prepared by
Verified by JHTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 27 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	70	65	68	68	69	75	80	85	88	91	93
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunrise: Time, 4.13 Character, clear												
Sunshine (in tenths of hours)				0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	SE	SE	SE	S	SW	SW	W	NW	W	SW
Wind movement	3	2	3	4	1	2	5	4	4	5	6	6
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	94	94	95	95	95	94	91	87	84	84	81	77
Sunset: Time, 7.03 Character, clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.5					
Wind direction	SW	SW	SW	SW	SW	SW	W	W	S	SW	SW	SW
Wind movement	7	9	8	8	7	4	3	5	5	6	2	3

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
95	65	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 14.8

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 1.00

Prevailing direction SW

Total movement, 112

Average hourly velocity, 4.7

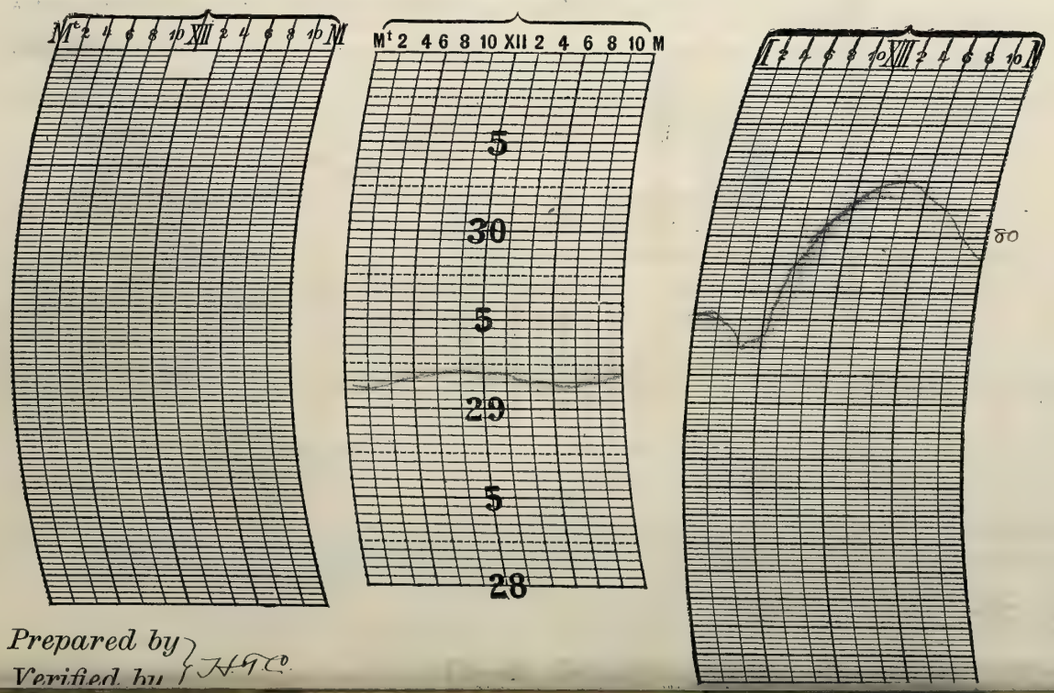
Maximum velocity,	Direction,	Time.
13	SW	2.00 p

Relative humidity, 59 a. m. 31 p. m.

Reduced barometer, 30.09 a. m. 30.02 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 28 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	73	70	69	68	70	73	80	83	85	87	89	90	93	94	94	94	91	87	71	63	66	67	66
State of weather: Nature of precipitation and time of beginning and ending																			RB 7.28		RE 9.50			
Amounts of precipitation																			19	10	01			
Cloudiness and other conditions												Clear							x	PCldy				
Sunrise: Time, 4.13 Character, Clear																					Sunset: Time, 7.03 Character, Cldy			
Sunshine (in tenths of hours)					0.78	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0				
Wind direction	SW	SW	S	SW	W	SW	NW	N	N	N	NE	NE	NW	W	W	NW	NW	NW	N	W	NW	NE	SW	NE
Wind movement	4	2	5	4	3	3	4	6	9	8	6	4	6	7	8	9	7	6	6	20	15	9	5	3
Maximum velocities (exceeding 29 miles)																				38 NW 7.40				

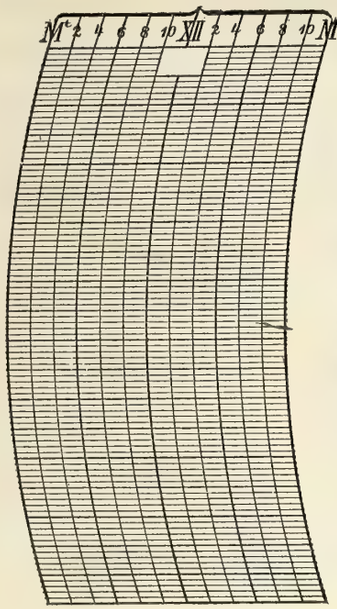
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

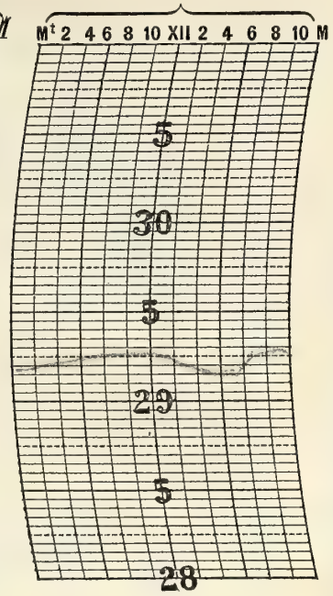
Maximum.	Minimum.	Mean.	Normal.
94	63	78	

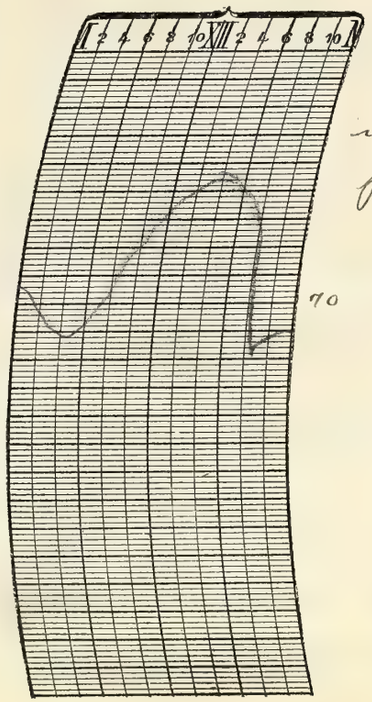
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .30 inches.
Character of day, Clear Moon phase, New
Actual sunshine, hours, 13.5
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 91
Prevailing direction SW, NW
Total movement, 159
Average hourly velocity, 6.6

Maximum velocity,	Direction,	Time.
38	W	7.40p

Relative humidity, 61 a. m. 36 p. m.
Reduced barometer, 30.17 a. m. 30.09 p. m.
River gage,







NOTES.

a thunder storm of moderate intensity occurred during the early part of the night

Prepared by }
Verified by } H.G.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 29 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	67	65	65	65	66	67	68	69	73	75	80	81	79	76	75	72	71	70	69	69	65	64	61
State of weather: Nature of precipitation and time of beginning and ending															RB 2.35	RE 3.15	RB 4.02 RE 4.43							
Amounts of precipitation															T	0.1	0.4							
Cloudiness and other conditions						Cldy				Clear				Pt Cldy										
Sunrise: Time, 4.12 Character, Cloudy																					Sunset: Time, 7.04 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.6	0.2	0.8	0	0				
Wind direction	NW	W	NE	E	N	N	N	NE	E	E	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	3	5	6	4	5	3	3	5	6	4	7	5	7	8	9	8	11	12	10	9	12	10	9	8
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
81	62	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .30 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Pt Cloudy Moon phase,

Actual sunshine, hours, 9.4

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 63

Prevailing direction NE

Total movement, 169

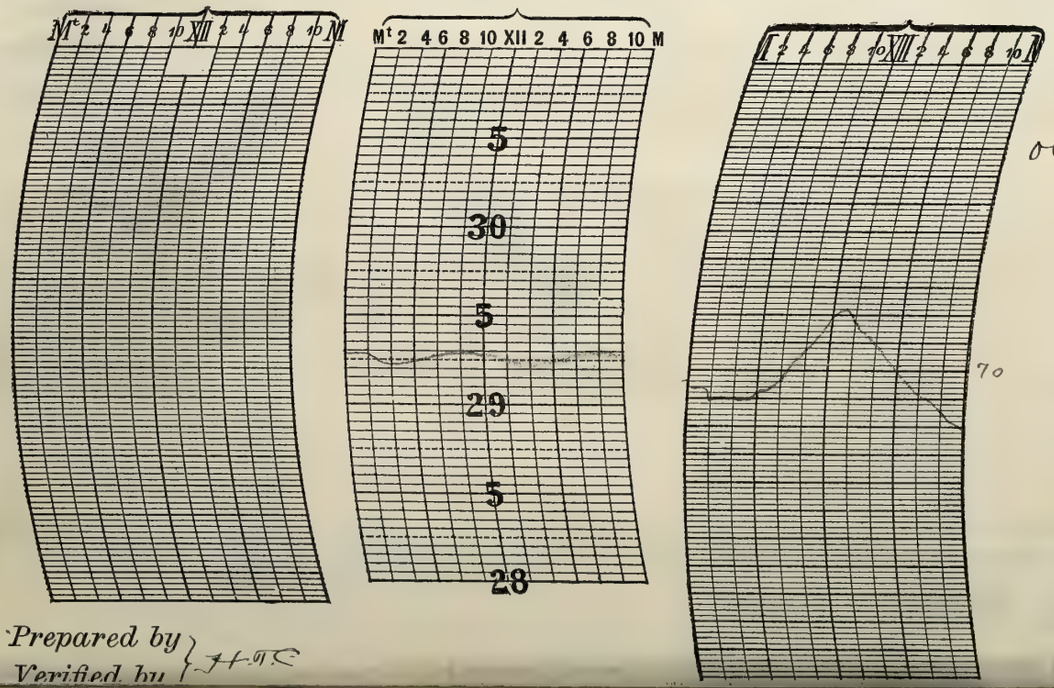
Average hourly velocity, 7.0

Maximum velocity, 15 Direction, E Time. 8.50 p

Relative humidity, 82 a. m. 68 p. m.

Reduced barometer, 30.15 a. m. 30.16 p. m.

River gage,



NOTES.

a thunderstorm of slight intensity occurred from 2.35 to 3.15 p.m

Prepared by
Verified by } H.T.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 30 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	59	57	53	52	52	54	54	56	58	57	57
State of weather: Nature of precipitation and time of beginning and ending	RG P.No.					RE 6.10	RB 7.10	RE 8.10	RB 9.30		RE 11.10	
Amounts of precipitation	.22	.19	.13	.15	.12	.10	T	.01	T	T	.01	T
Cloudiness and other conditions						Cloudy						
Sunrise: Time, 4.12 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0.8	0.3	0	0.8
Wind direction	NE	NE	NE	E	E	E	E	E	E	E	SE	E
Wind movement	10	8	11	6	10	9	12	11	12	7	5	9
Maximum velocities (exceeding 29 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	65	66	67	68	69	68	66	65	64	64	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy											
Sunset: Time, 7.05 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4	0.4	0				
Wind direction	NE	E	E	NE	E	E	E	E	E	E	E	E
Wind movement	10	7	7	8	7	6	5	5	4	3	3	4

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	69	52	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .91 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .93 inches.

Character of day, Pt Cloudy Moon phase,

Actual sunshine, hours, 7.7

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 52

Prevailing direction E

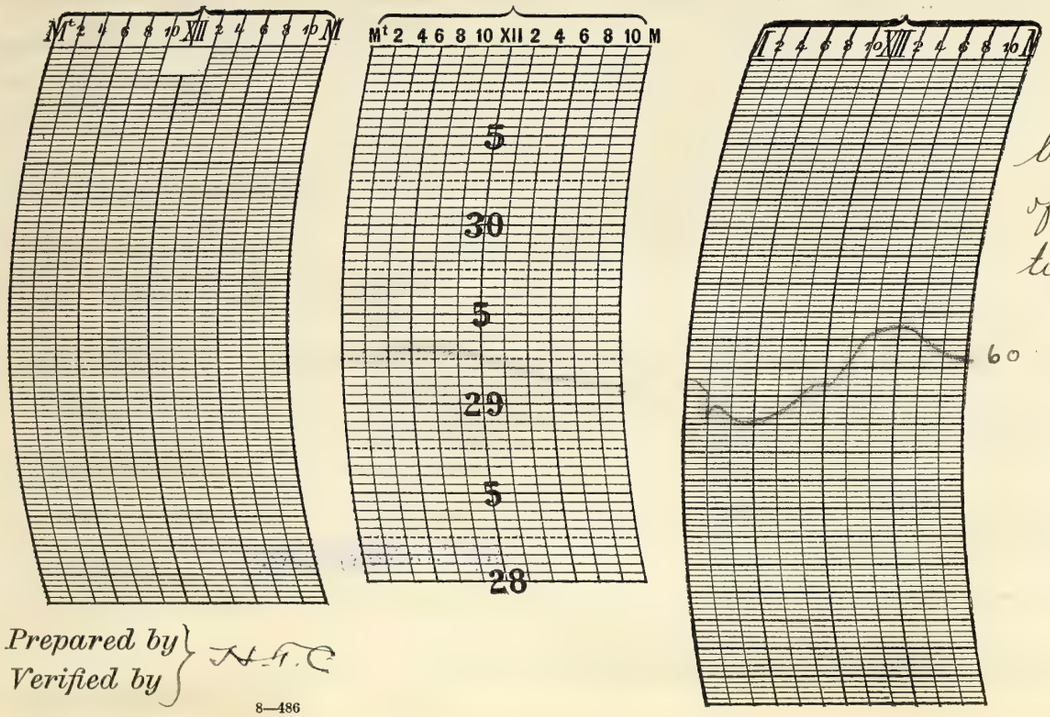
Total movement, 179

Average hourly velocity, 7.5

Maximum velocity,	Direction,	Time.
18	E	1.52 p

	a. m.	p. m.
Relative humidity,	83	78
Reduced barometer,	30.24	30.08

River gage,



NOTES.

a thunderstorm of slight intensity, but accompanied by a heavy amount of rainfall, occurred from about 1.00 am. till 6.10 am.

Prepared by } H.T.C
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) May 31, 1911

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

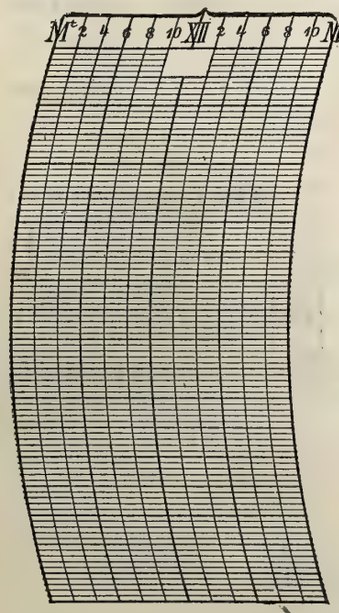
	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	61	61	62	62	62	66	67	68	60	60	68
								RB 8.55		RE 10.40		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation								07	34	06		
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character	4.11 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0.7	0.8	0.3	0	0.8 1.0
Wind direction	E	E	SE	S	SW	SW	SW	SW	SW	NE	SE	~~E~~ S
Wind movement	5	3	3	5	7	9	8	9	13	7	7	4
Maximum velocities (exceeding 29 miles)												

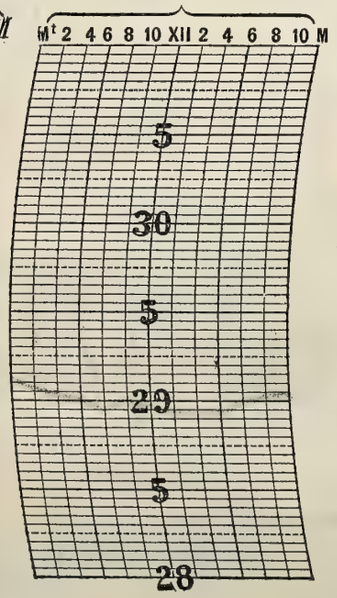
	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	74	76	74	72	70	67	62	60	57	55	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, Character									7.06 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0 1.0				
Wind direction	SW	W	NW	NW	NW	NW	NW	NW	NW	NW	N	NW
Wind movement	10	12	12	16	13	14	17	15	12	11	7	5

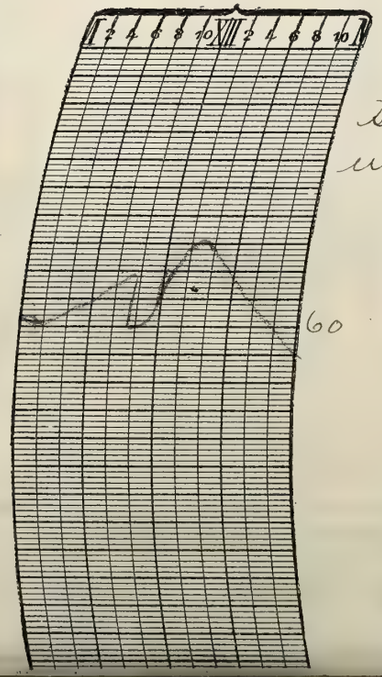
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	76	54	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .47 ins.
Total precipitation, midnight to midnight, .47 inches.
Character of day, Pt Cloudy Moon phase,
Actual sunshine, hours, 7.9
Possible sunshine, hours, 14.9
Percentage of possible sunshine, 53
Prevailing direction, NW
Total movement, 224
Average hourly velocity, 9.3
Maximum velocity, 25 Direction, N Time. 8.50 a.
Relative humidity, 86 a. m. 64 p. m.
Reduced barometer, 29.91 a. m. 29.90 p. m.
River gage,







NOTES.

Darkness which preceded a moderate electrical storm, prevailed so that it was necessary to use lights in buildings

Prepared by
Verified by } HPC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN - 1 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	52	51	50	50	52	56	59	62	64	68	71	74	75	76	76	74	74	71	69	67	66	64	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunrise: Time, 4.11 Character, Clear					.72													0.3	0.8	.12	Sunset: Time, 7.07 Character, Clear			
Sunshine (in tenths of hours)					0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2					
Wind direction	NW	NW	N	N	N	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	6	7	7	5	5	3	4	4	4	6	8	8	9	9	10	10	10	8	8	7	7	6	6	6
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

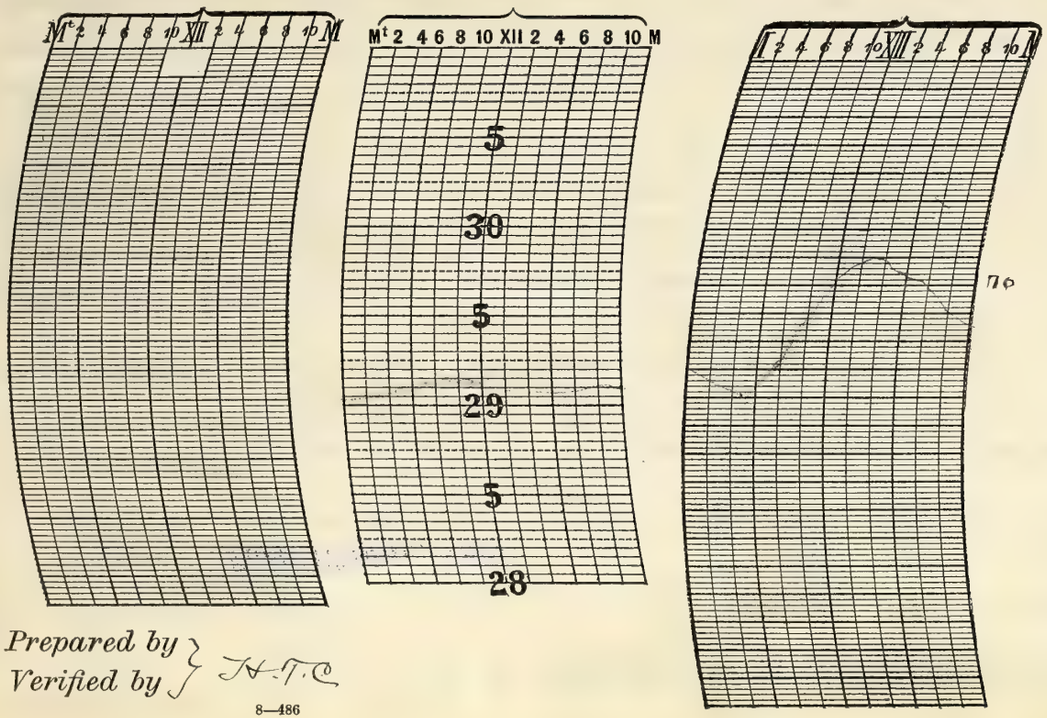
Maximum.	Minimum.	Mean.	Normal.
76	50	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Actual sunshine, hours, 14.9
Possible sunshine, hours, 14.9
Percentage of possible sunshine, 100
Prevailing direction NW
Total movement, 163
Average hourly velocity, 6.8

Maximum velocity, ~~12~~ 13 Direction, W Time. 3.05 p

Relative humidity, 73 a. m. 67 p. m.
Reduced barometer, 30.04 a. m. 29.99 p. m.
River gage,

NOTES.



Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN - 2 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	61	61	60	59	62	65	73	75	76	76	76	73	73	74	76 74	74	74	74	72	70	67	68	67
State of weather: Nature of precipitation and time of beginning and ending													RB 12.02	RE 1.30										
Amounts of precipitation													T	T										
Cloudiness and other conditions								Cloudy							Cloudy									
Sunshine (in tenths of hours)					0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0	0	0	0	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	S	S	SE	SE	S	SW	W	W	W	W
Wind movement	7	5	7	6	6	6	7	8	8	11	11	9	8	5	6	8	7	4	3	7	8	4	4	3

Sunrise: Time, 4.10; Character, Cloudy

Sunset: Time, 7.07; Character, Cloudy

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	76	59	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 6.9

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 45

Prevailing direction SW

Total movement, 158

Average hourly velocity, 6.6

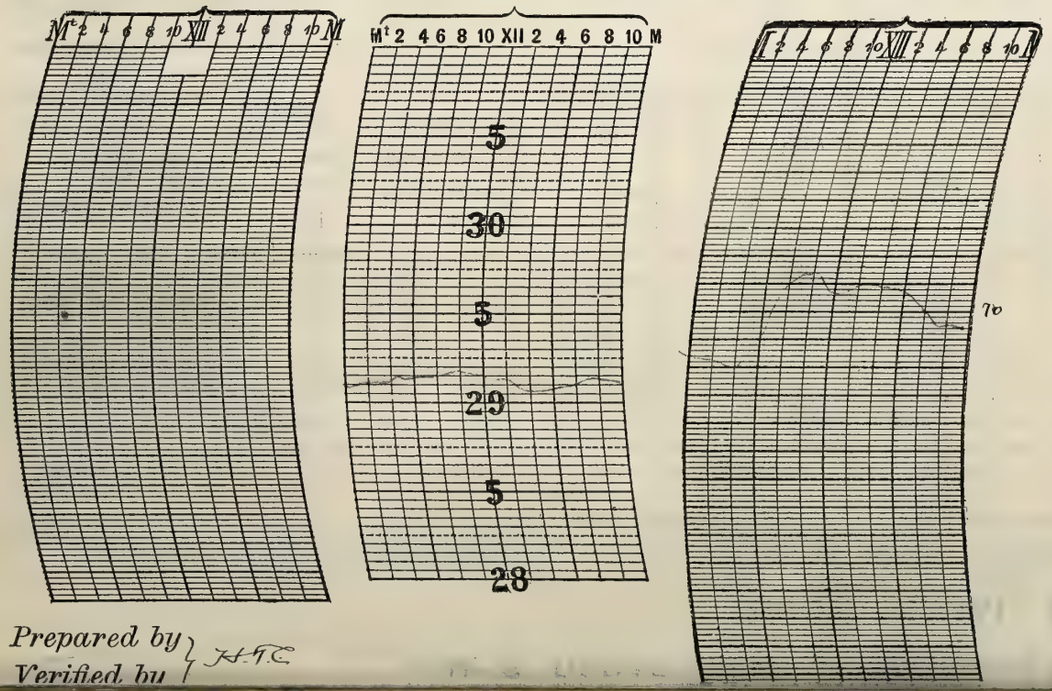
Maximum velocity, 121 Direction, SW Time, 9.40 a

Relative humidity, 77 a. m. 60 p. m.

Reduced barometer, 30.09 a. m. 30.00 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.F.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN - 3 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	64	63	62	61	61	61	62	62	66	72	75	78	79	80	80	78	77	73	71	70	69	69
State of weather: Nature of precipitation and time of beginning and ending					RB DN					RE 9.48														
Amounts of precipitation					.19	.22	.13	.07	.01	.04														
Cloudiness and other conditions				Cloudy			→	Pt cldy	→	Clear					→	Pt cloudy								
Sunrise: Time, Character	4.10 Cloudy																				Sunset: Time, Character	7.08 Cloudy		
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.9	1.0	1.0	1.0	0.9	1.0	1.0	0.4	0	0				
Wind direction	W	SW	SW	SE	N	NE	E	SE	SE	S	S	S	SW	SW	NW	N	S	S	E	SE	E	E	E	SE
Wind movement	3	4	4	4	8	7	5	9	9	11	11	17	23	19	12	8	4	11	4	7	11	9	7	6
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .54 ins.; to 7 p. m., .12 ins.

Total precipitation, midnight to midnight, .66 inches.

Character of day, Pt Cldy Moon phase, First Q.

Actual sunshine, hours, 7.2

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 48

Prevailing direction E, SE

Total movement, 213

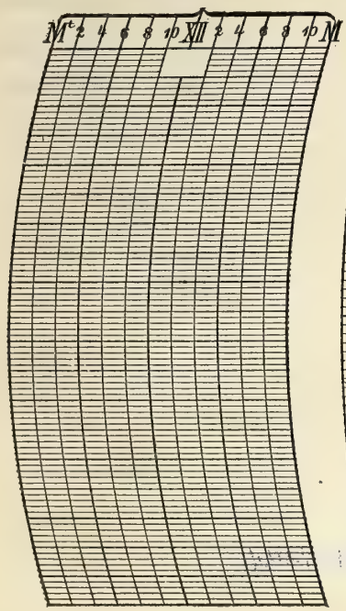
Average hourly velocity, 8.9

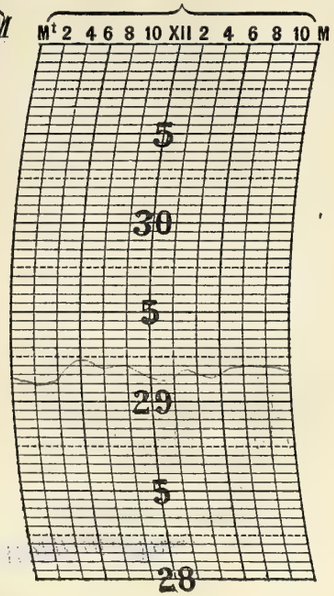
Maximum velocity,	Direction,	Time.
28	SW	11.50 a

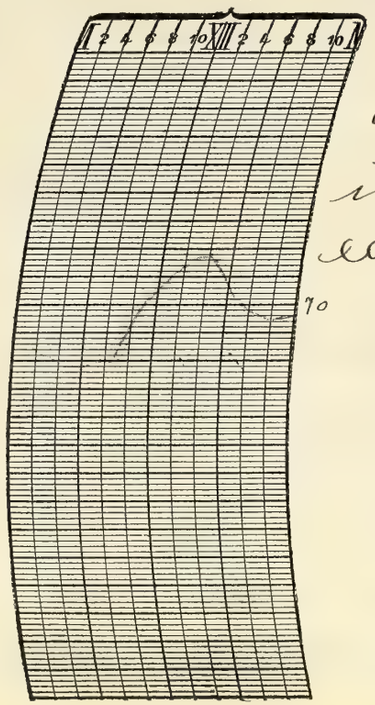
Relative humidity, 96 a. m. 74 p. m.

Reduced barometer, 30.17 a. m. 30.09 p. m.

River gage,







NOTES.

a thunderstorm of moderate intensity occurred during the early morning and forenoon

Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN - 4 1911, 191

Time (local standard), ____ mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	69	68	67	67	68	69	72	72	74	74	72
State of weather: Nature of precipitation and time of beginning and ending										RB 10.56	RE 11.45	
Amounts of precipitation										T	.18	
Cloudiness and other conditions										Cloudy		
Sunrise: Time, 4.10; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0.3	0.5	0.9	0.8	0.2
Wind direction	SE	SE	S	SE	E	E	E	SE	E	E	E	E
Wind movement	6	8	8	8	9	7	7	7	9	12	9	5

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	81	84	81	82	78	76	76	75	76	74	72
State of weather: Nature of precipitation and time of beginning and ending										RB DN.	RE DN.	
Amounts of precipitation										.01	T	
Cloudiness and other conditions												
Sunset: Time, 7.09; Character, Cloudy												
Sunshine (in tenths of hours)	0.2	1.0	0.9	0	0	0.3	0	0				
Wind direction	SE	SE	SE	SE	S	S	S	SW	SW	SW	SW	SW
Wind movement	8	10	8	7	9	12	10	19	17	16	13	8

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

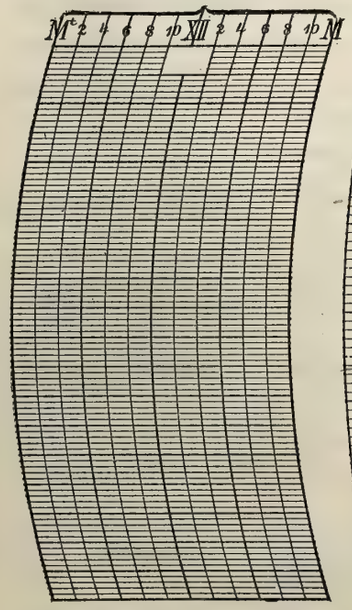
Excessive precipitation, accumulated amounts

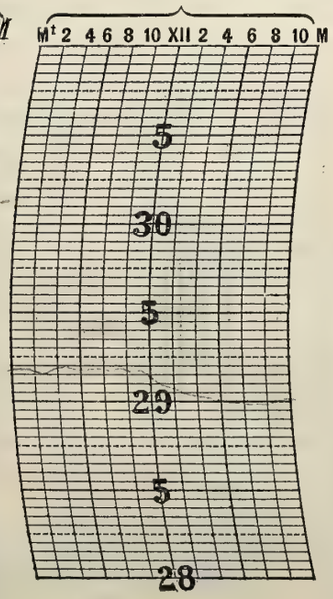
Maximum.	Minimum.	Mean.	Normal.
84	67	76	

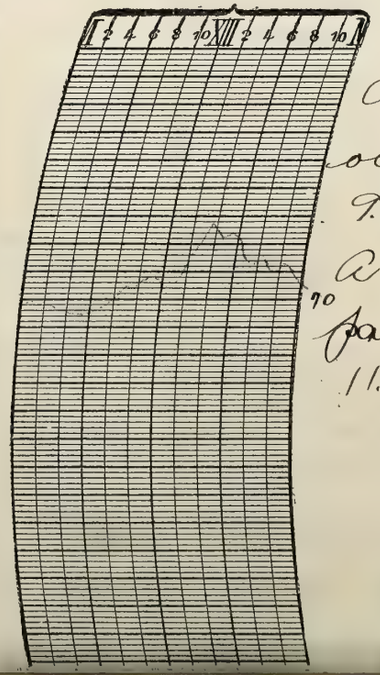
Total depth of snow for 24 hours ending 1 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .18 ins.
Total precipitation, midnight to midnight, .19 inches.
Character of day, Cloudy Moon phase,
Actual sunshine, hours, 4.9
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 33
Prevailing direction SE
Total movement, 232
Average hourly velocity, 9.7

Maximum velocity,	Direction,	Time.
22	SW	8.25p

Relative humidity, 80 a. m. 72 p. m.
Reduced barometer, 30.11 a. m. 29.90 p. m.
River gage,







NOTES.

A thunderstorm of moderate intensity occurred south of the station at 9.00 am.
A thunderstorm of severe intensity passed over the station at 11.00 am.

Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN - 5 1911, 191

Time (local standard), ____ mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	68	67	67	70	72	74	75	78	79	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear				
Sunrise: Time, 4.09; Character, Clear												
Sunshine (in tenths of hours)					.85 0	0.7 0.3	0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	NW	NW	NW	NW	NW	NW
Wind movement	9	9	7	7	6	7	5	8	6	6	7	8
Maximum velocities (exceeding 29 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	85	84	84	83	81	81	78	77	73	72	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunset: Time, 7.09; Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.7 0.3	1.0 0	.5				
Wind direction	NW	NW	NW	NW	NW	N	NW	N	N	S	S	~~NW~~ 0
Wind movement	10	9	9	10	9	6	5	4	1	3	3	0
Maximum velocities (exceeding 29 miles)												

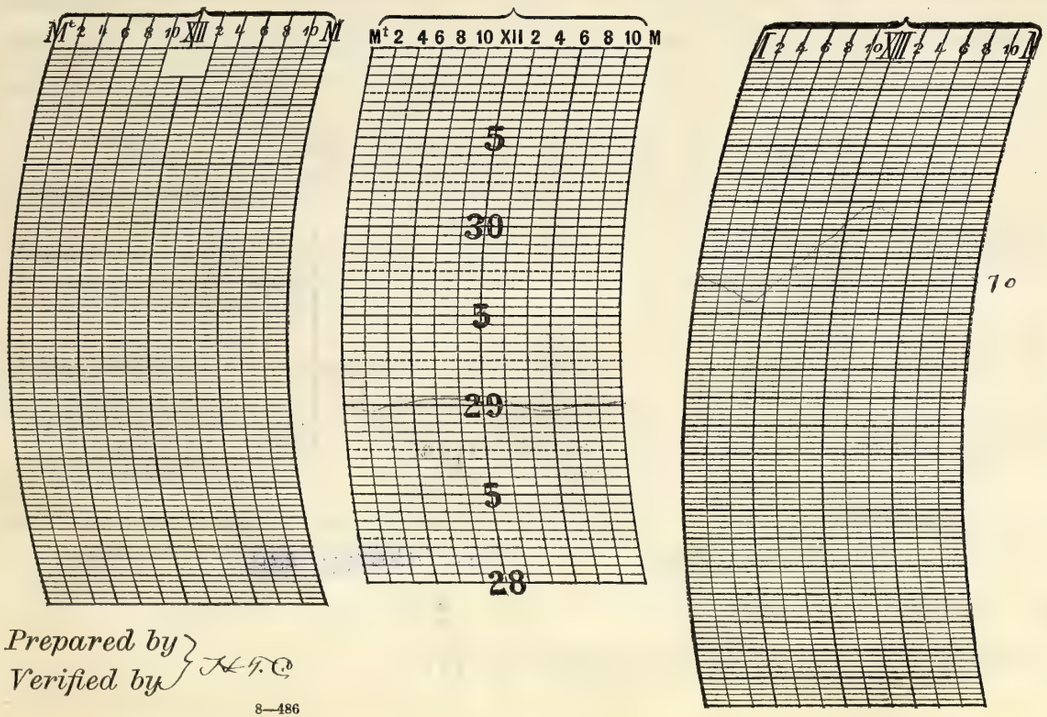
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	85	67	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Actual sunshine, hours, 14.4
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 96
Prevailing direction NW
Total movement, 154
Average hourly velocity, 6.4
Maximum velocity, 12 Direction, ~~NE~~ NW Time. 3.40 p
Relative humidity, 82 a. m. 50 p. m.
Reduced barometer, 29.94 a. m. 29.87 p. m.
River gage,

NOTES.



Prepared by } H. F. C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN - 6 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	68	67	67	66	65	66	68	69	72	74	78
State of weather: Nature of precipitation and time of beginning and ending					RB 5.14	RB 5.14	RE 6.20					
Amounts of precipitation						.18	.01					
Cloudiness and other conditions						Cloudy				* Pt Cloudy		
Sunrise: Time, Character	4.09 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0.7	0.8	1.0
Wind direction	SW	SW	SW	SW	S	N	NE	E	SW	SW	SW	W
Wind movement	7	10	7	3	4	9	12	3	3	12	10	10

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	78	79 78	78	76	75	75	74	72	70	68	67	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt. Cloudy									
Sunset: Time, Character									7.10 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3	0	0	0				
Wind direction	NW	NW	N	NW	NW	W	NW	NW	NW	NW	NW	N
Wind movement	15	11	8	7	8	8	6	4	5	5	5	6

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	79	65	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .19 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .19 inches.

Character of day, Pt Cloudy Moon phase,

Actual sunshine, hours, 9.7

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 65

Prevailing direction, NW

Total movement, 178

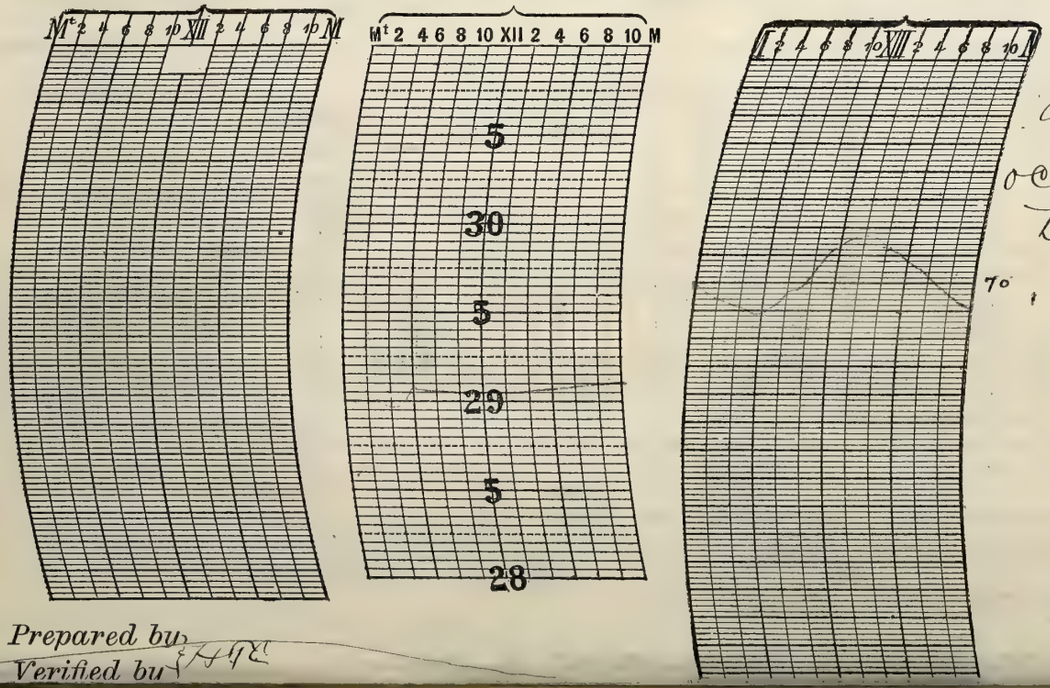
Average hourly velocity, 7.4

Maximum velocity,	Direction,	Time.
18	NW	1.18 p.

Relative humidity, 85 a. m. 74 p. m.

Reduced barometer, 29.97 a. m. 29.97 p. m.

River gage,



NOTES.

A thunderstorm of severe intensity occurred at 5.00 am.
Bright, clear. moon in the evening.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

JUN - 7 1911

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) _____, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	65	65	64	64	64	66	67	68	70	71	72	74	76	76	77	76	72	79	65	63	62	60	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy							Pt Cloudy									
Sunrise: Time, 4.09 Character, Cloudy																					Sunset: Time, 7.10 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.1	0.2	0.3	1.0	0.8	0.8	0.8	0.8	0.8	0.9	1.0	0	0	0				
Wind direction	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	4	6	5	7	7	4	8	9	6	6	4	7	7	7	7	11	13	11	12	14	11	7	6
Maximum velocities (exceeding ~~10~~ miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

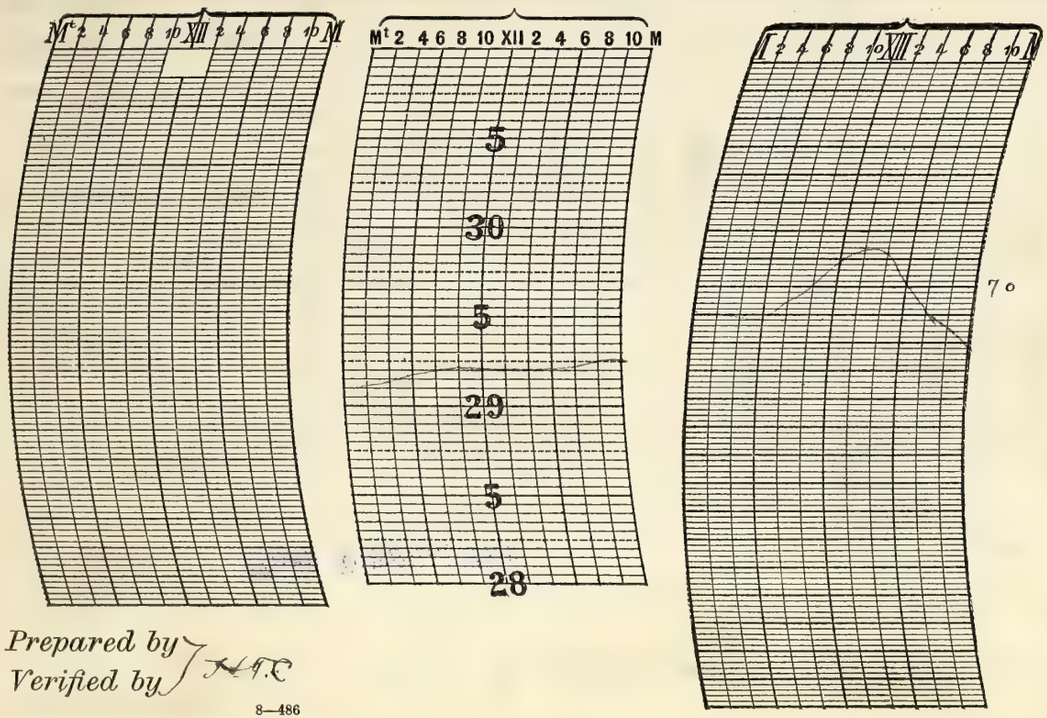
Maximum.	Minimum.	Mean.	Normal.
77	58	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, _____
Actual sunshine, hours, 7.5
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 50
Prevailing direction NE
Total movement, 183
Average hourly velocity, 7.6

Maximum velocity,	Direction,	Time.
16	NE	8.16 p

Relative humidity, 85 a. m. 70 p. m.
Reduced barometer, 29.97 a. m. 30.12 p. m.
River gage, _____

NOTES.



Prepared by
Verified by H.F.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN - 8 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	56	56	56	56	58	60	65	66	67	68	68	68	70	72	72	72	71	70	68	67	66	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy										Cloudy								
Sunrise: Time, 4.09 Character, Cloudy																					Sunset: Time, 7.11 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.3	0.9	0.9	1.0	1.0	0.8	0.2	0.8	1.0	1.0	0.2	0.2	0	0				
Wind direction	NE	NE	NE	NE	N	NE	E	E	NE	NE	E	NE	NE	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	7	5	5	4	4	6	5	5	7	7	8	7	5	7	7	6	6	4	3	3	4	3	3
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

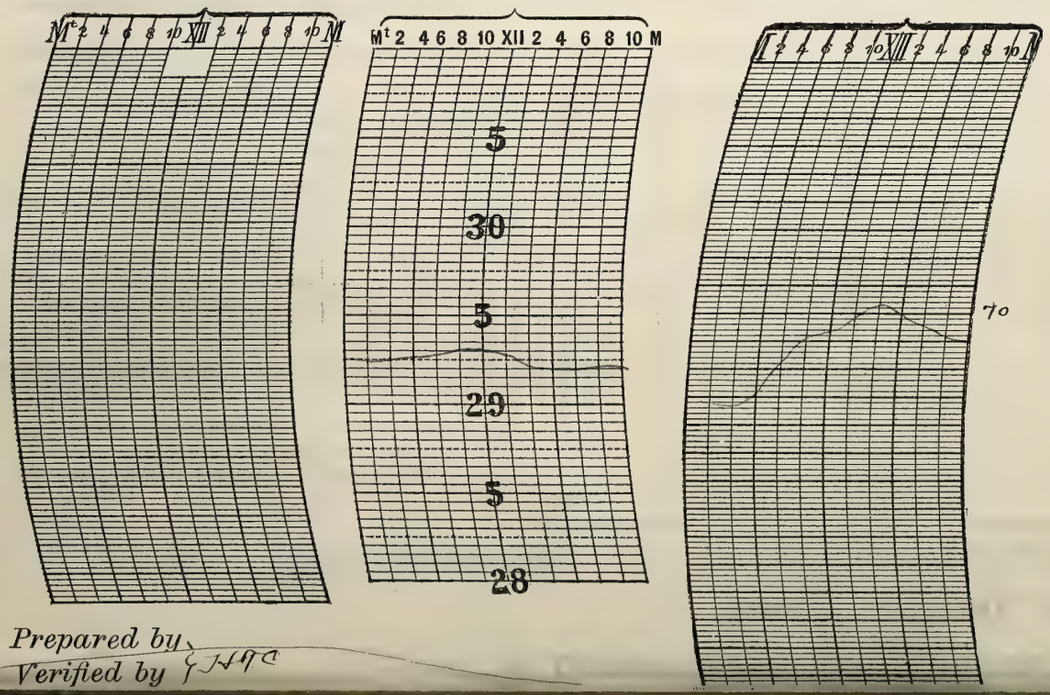
Maximum.	Minimum.	Mean.	Normal.
72	56	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Actual sunshine, hours, 8.3
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 55
Prevailing direction NE, SE
Total movement, 126
Average hourly velocity, 5.2

Maximum velocity,	Direction,	Time.
11	SE	4 20 p

Relative humidity, 79 a. m. 72 p. m.
Reduced barometer, 30.17 a. m. 30.10 p. m.
River gage,

NOTES.



Prepared by
Verified by JHTC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN - 9 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	62	62	62	61	63	66	72	75	79	82	85	86	88	89	90	89	86	84	80	79	77	76	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy				×	Pt Cldy			×		Clear									
Sunrise: Time, 408 Character, Cloudy																					Sunset: Time, 7.12 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.4 0.6	1.0 0	.12 0				
Wind direction	SE	SE	SE	SE	S	S	S	S	SW	SW	SW	S	S	S	SW	SW	S	S	S	SW	SW	SW	SW	SW
Wind movement	2	3	2	4	3	6	6	9	11	11	11	9	12	12	13	13	10	8	11	10	10	11	10	10
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
90	61	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Actual sunshine, hours, 12.2

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 81

Prevailing direction S, SW

Total movement, 2.07

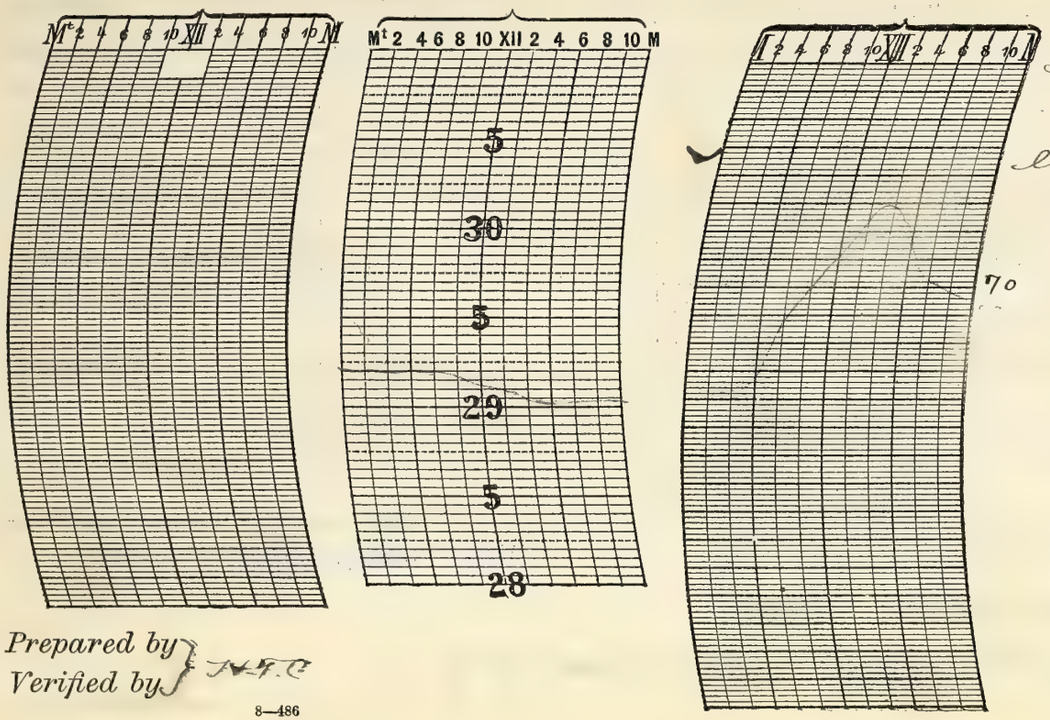
Average hourly velocity, 8.6

Maximum velocity, 16 Direction, SW Time, 3.10 p

Relative humidity, 84 a. m. 53 p. m.

Reduced barometer, 30.11 a. m. 29.91 p. m.

River gage,



NOTES.

Bright, ~~light~~ moonlight in the evening

Prepared by
Verified by } H.F.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 10 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	72	71	69	70	72	73	80	83	87	89	92
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cloudy						x Clear	
Sunrise: Time, Character	408 Cloudy											
Sunshine (in tenths of hours)					0	0	0.3	0.9	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	9	9	9	7	8	10	10	12	12	12	15

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	94	96	96	96	95	92	90	86	84	80	79	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								
Sunset: Time, Character									712 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW
Wind movement	17	16	16	15	12	9	8	9	12	10	6	5

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
96	69	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 12.3

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 81

Prevailing direction SW

Total movement, 257

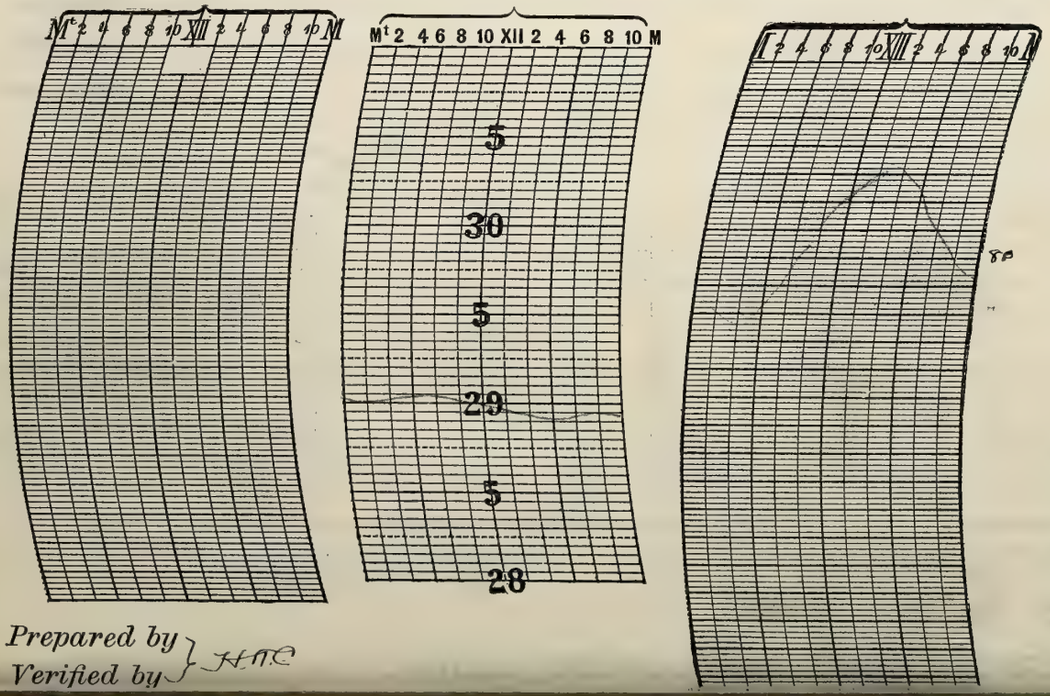
Average hourly velocity, 10.7

Maximum velocity,	Direction,	Time.
20	SW	3.05 p

Relative humidity, 68 a. m. 42 p. m.

Reduced barometer, 29.94 a. m. 29.80 p. m.

River gage,



NOTES.

Prepared by
Verified by } H.T.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 11 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	74	73	72	75	75	77	76	79	81	83
State of weather: Nature of precipitation and time of beginning and ending								RB 8.15 RE 9.00				
Amounts of precipitation								.01				
Cloudiness and other conditions					Pt Cloudy							
Sunrise: Time, 4.08 Character, Clear					.87	0.9						
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	0	0.5	1.0	1.0
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	9	8	11	9	10	8	11	11	13	18	18
Maximum velocities (exceeding 29 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	84	83	83	73	73	72	70	67	65	61	61
State of weather: Nature of precipitation and time of beginning and ending							RB 7.10 RE 7.40					
Amounts of precipitation							T					
Cloudiness and other conditions			Pt Cloudy									
Sunset: Time, 7.13 Character, Cloudy												
Sunshine (in tenths of hours)	0.9	0.9	1.0	1.0	0.6	0	0	0				
Wind direction	SW	W	W	W	NW	NW	SW	SW	SW	SW	NW	NW
Wind movement	20	17	18	19	18	11	8	7	10	8	12	8
Maximum velocities (exceeding 29 miles)					33 NW 5.00							

	Maximum.	Minimum.	Mean.	Normal.
Temperature	84	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy Moon phase, Full M

Actual sunshine, hours, 8.8

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 72

Prevailing direction SW

Total movement, 289

Average hourly velocity, 12.0

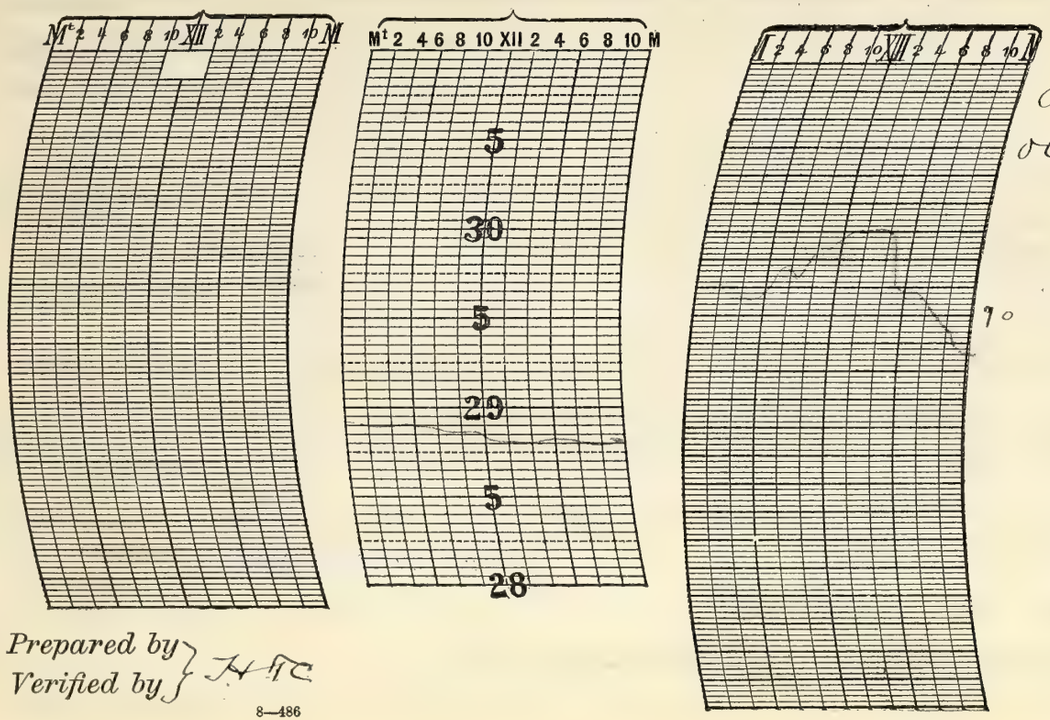
Maximum velocity,	Direction,	Time.
33	NW	5.00 p

Relative humidity, 66 a. m. 60 p. m.

Reduced barometer, 29.77 a. m. 29.72 p. m.

River gage,

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

a thunderstorm of slight intensity occurred at 8.00 am

Prepared by
Verified by } H F C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 12 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	59	58	57	59	60	60	64	66	68	69	70	71	72 (3)	72	72	71	70	70	69	65	62	62	61
State of weather: Nature of precipitation and time of beginning and ending																				RB 8.30	RE 9.13			
Amounts of precipitation																				.01	T			
Cloudiness and other conditions					Pt Cloudy									Pt Cloudy										
Sunrise: Time, 4.58; Character, Cloudy																					Sunset: Time, 7.13; Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0.8	0.7	1.0	0.7	0.5	0.6	0.7	0.8	1.0	0.4	0.2	0	0				
Wind direction	NE	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	NW	NW	NW	W
Wind movement	4	4	6	7	9	11	12	15	18	18	16	16	15	15	16	15	12	13	10	9	12	12	11	7
Maximum velocities (exceeding 57 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	57	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 7.4

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 49

Prevailing direction SW

Total movement, 297

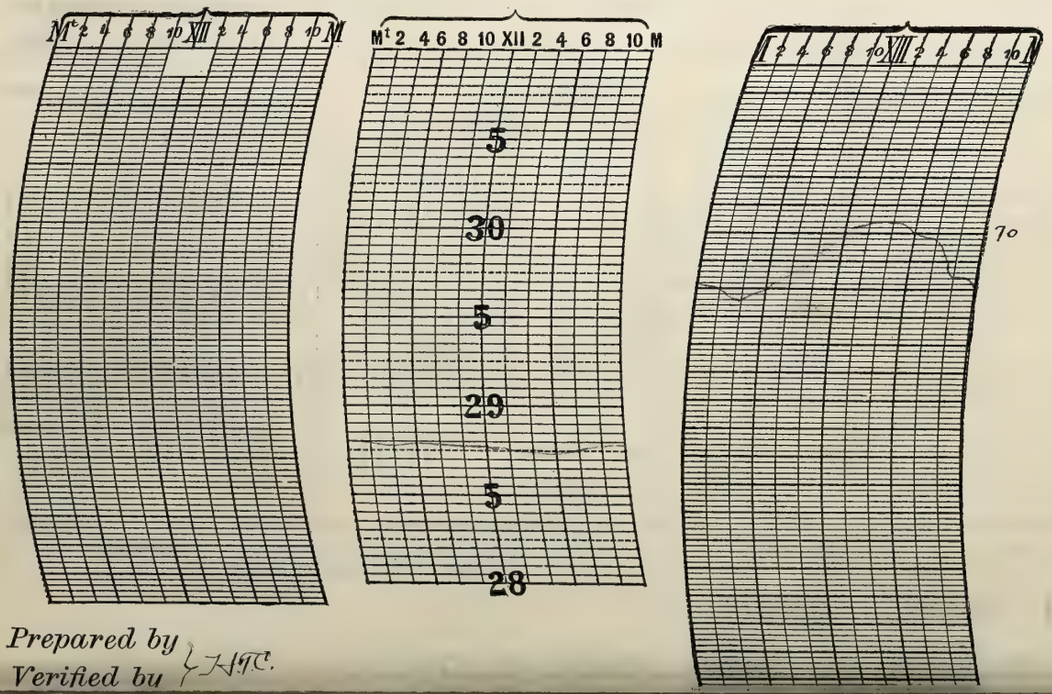
Average hourly velocity, 12.4

Maximum velocity,	Direction,	Time.
22	SW	9.40 a.

Relative humidity, 78 a. m. 55 p. m.

Reduced barometer, 29.69 a. m. 29.68 p. m.

River gage,



NOTES.

Prepared by
Verified by HTC.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 13 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	58	57	57	59	61	59	58	60	61	62	64	66	68	70	70	69	66	62	59	58	56	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy										PtCloudy									
Sunrise: Time, 4.08 Character, Cloudy																					Sunset: Time, 7.14 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0.3	0.4	1.0	1.0	1.0	0.5	0	0				
Wind direction	W	W	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	SW	SW
Wind movement	6	9	10	12	12	12	14	17	18	13	14	13	14	17	19	20	24	18	14	5	5	4	5	6
Maximum velocities (exceeding 7 miles)																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	70	56	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 4.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 28

Prevailing direction NW

Total movement, 30.1

Average hourly velocity, 12.5

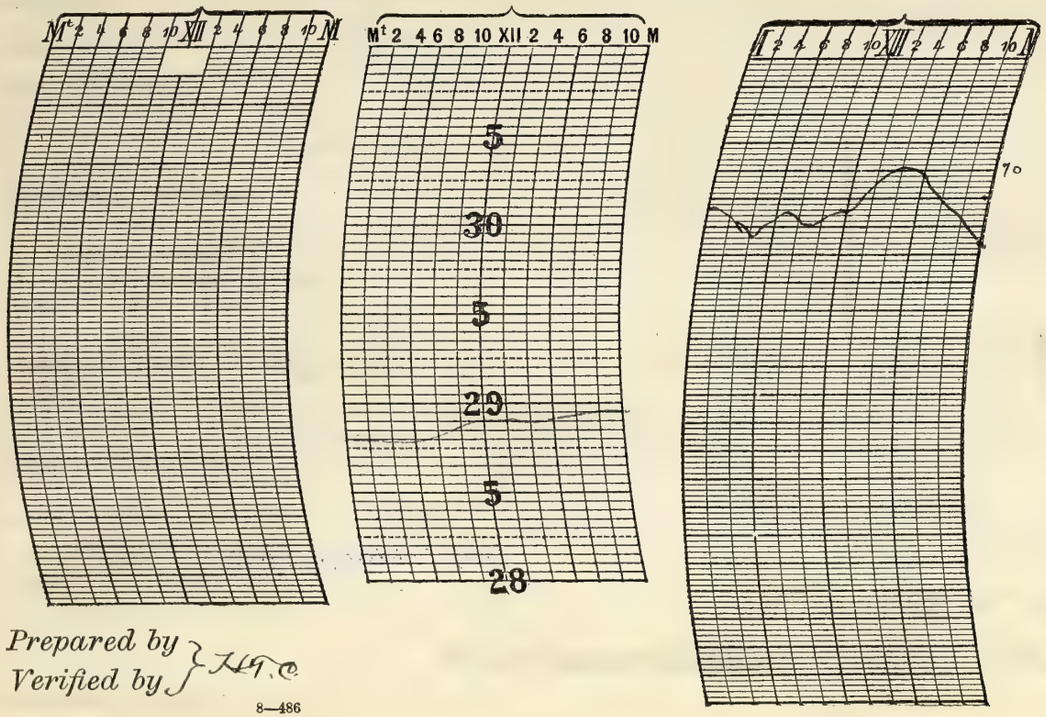
Maximum velocity,	Direction,	Time.
26	NW	3.10 p

Relative humidity, 74 a. m. 45 p. m.

Reduced barometer, 29.72 a. m. 29.84 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.G.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 14 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	53	53	53	53	59	62	62	65	67	70	60
											BE 11.00	
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												08
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 408 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0.3	0	0
Wind direction	W	W	W	W	W	W	W	SW	SW	SW	SW	NE
Wind movement	5	3	3	2	3	4	3	6	3	8	9	10
Maximum velocities (exceeding 27 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	60	66	66	69	70	68	66	64	63	61	59
	BE 1.00											
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	06											
Cloudiness and other conditions				Cloudy								
Sunset: Time, 714 Character, Cloudy												
Sunshine (in tenths of hours)	0	0.4	0.3	0.5	0.5	0.4	0	0				
Wind direction	NE	E	SW	SW	NW	W	W	SW	W	NW	NW	NW
Wind movement	4	4	11	4	4	6	5	5	6	7	4	5
Maximum velocities (exceeding 27 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

6 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	53	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 14 ins.

Total precipitation, midnight to midnight, 14 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 2.4

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 16

Prevailing direction W

Total movement, 123

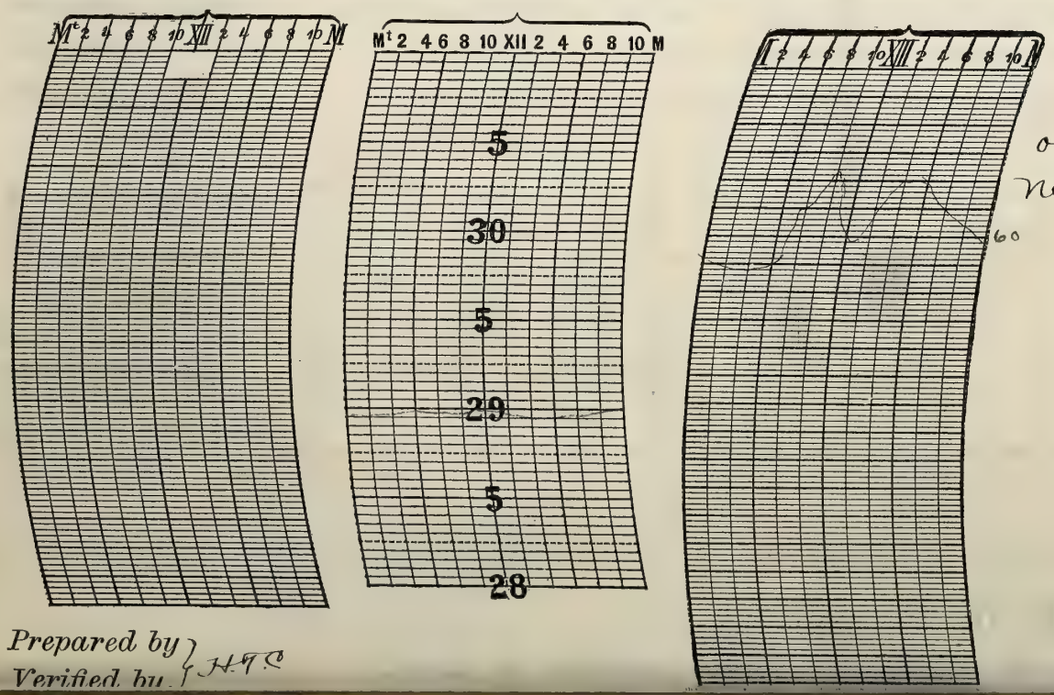
Average hourly velocity, 5.1

Maximum velocity, 17 Direction, N Time. 11.00 am.

Relative humidity, 67 a. m. 71 p. m.

Reduced barometer, 29.90 a. m. 29.88 p. m.

River gage,



NOTES.

Darkness, which preceded a shower occurred at 11.00 am so that it was necessary to use lights in buildings

Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 15 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	55	53	52	50	50	59	62	66	70	72	75	75	77	78	78	76	74	72	70	68	66	65	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy								Cloudy									
Sunrise: Time, 408 Character, Clear																					Sunset: Time, 714 Character, Cloudy			
Sunshine (in tenths of hours)					.87 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0	0				
Wind direction	W	W	W	SW	SW	SW	SW	W	W	SW	SW	SW	W	W	W	W	W	NW	NW	W	W	SW	SW	S
Wind movement	3	3	3	5	6	5	5	5	8	10	12	14	12	14	11	9	8	7	5	4	6	3	5	5
Maximum velocities (exceeding 29 miles)																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

	Maximum.	Minimum.	Mean.	Normal.
	78	58	68.4	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 11.3

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 75

Prevailing direction W

Total movement, 168

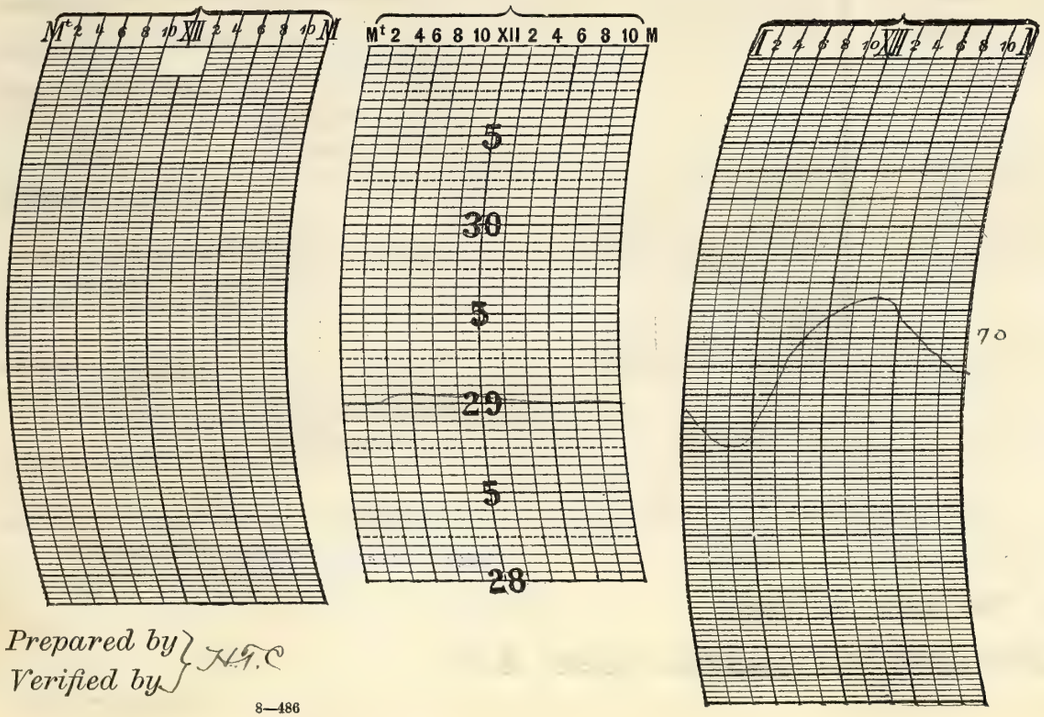
Average hourly velocity, 7.0

Maximum velocity, 17 Direction, W Time, 1.35 p

Relative humidity, 70 a. m. 48 p. m.

Reduced barometer, 29.99 a. m. 29.93 p. m.

River gage,



NOTES.

Prepared by } H.G.C
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 16 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62 63	64	64	64	64	64	64	64	62	62	62	63
State of weather: Nature of precipitation and time of beginning and ending								RB 7.00 RE 7.10 RB 7.30				
Amounts of precipitation								T	.04	.06	.03	.05
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 4.08 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	5	7	2	2	2	3	6	11	10	7	8	3
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	63	64	64	64	63	62	62	61	60	60	61
State of weather: Nature of precipitation and time of beginning and ending			RE 2.50			RB 5.15 RE 5.45						
Amounts of precipitation	.04	.06	.01			T						
Cloudiness and other conditions				Cloudy								
Sunset: Time, 7.15 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	SE	S	SE	SE	SE	SE	SE	SE	E	E	E	SE
Wind movement	3	2	3	5	7	6	4	4	5	7	6	5
Maximum velocities (exceeding 29 miles)												

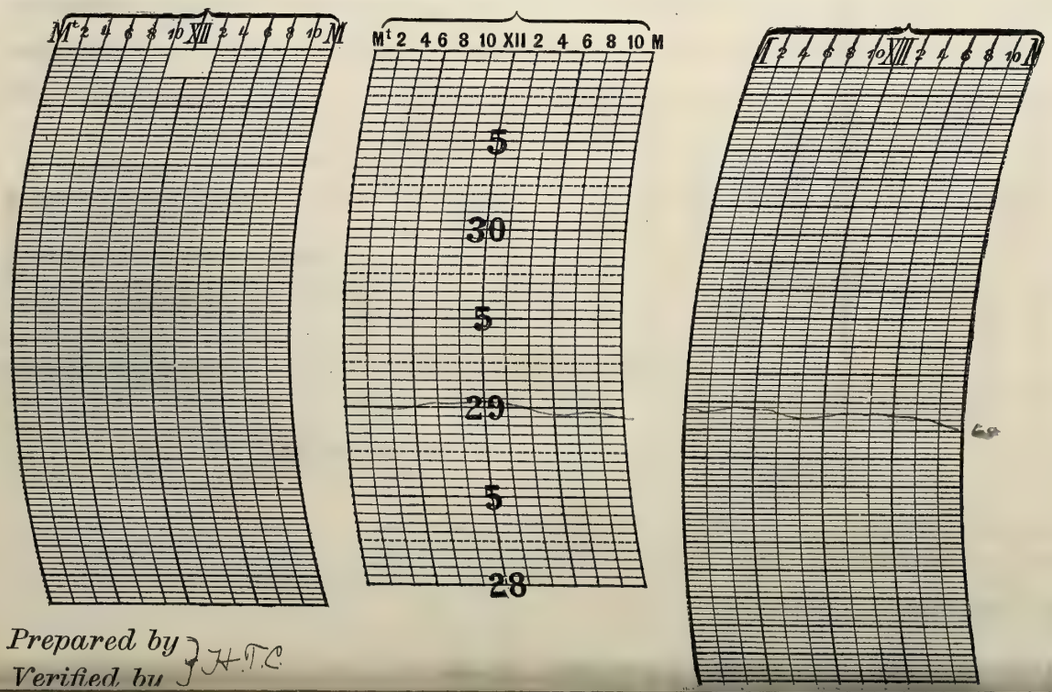
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	64	60	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .29 ins.
Total precipitation, midnight to midnight, .29 inches.
Character of day, Cloudy Moon phase,
Actual sunshine, hours, 0
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 124
Average hourly velocity, 5.1

Maximum velocity,	Direction,	Time.
13	SW	8.25a

Relative humidity, 70 a. m. 82 p. m.
Reduced barometer, 29.93 a. m. 29.89 p. m.
River gage,



NOTES.

Prepared by
Verified by J.H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

JUN 17 1911

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) ....., 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	59	59	59	59 (58)	59	59	59	61	64	65	66	65 (67)	66	66	65	66	65	64	62	62	62	62	62
State of weather: Nature of precipitation and time of beginning and ending		RB DN	RE DN		RB DN			RE 7.12		RB 9.34			RB 1.33		RB 3.30	RB 4.20			RB 6.30	RE 7.10				
Amounts of precipitation		.02	T		.15	.23	.16	T		T	T	T	T		.01	T			.03	.01				
Cloudiness and other conditions							Cloudy									Cloudy								
Sunrise: Time, 4.08 Character, Cloudy																					Sunset: Time, 7.15 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0				
Wind direction	E	E	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	E	NE	NE	E	E	NE	NE	E
Wind movement	5	5	10	10	10	7	8	9	11	9	6	9	12	12	12	13	13	13	12	9	9	8	9	10
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	58	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .56 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .61 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 0.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 1

Prevailing direction NE

Total movement, 231

Average hourly velocity, 9.6

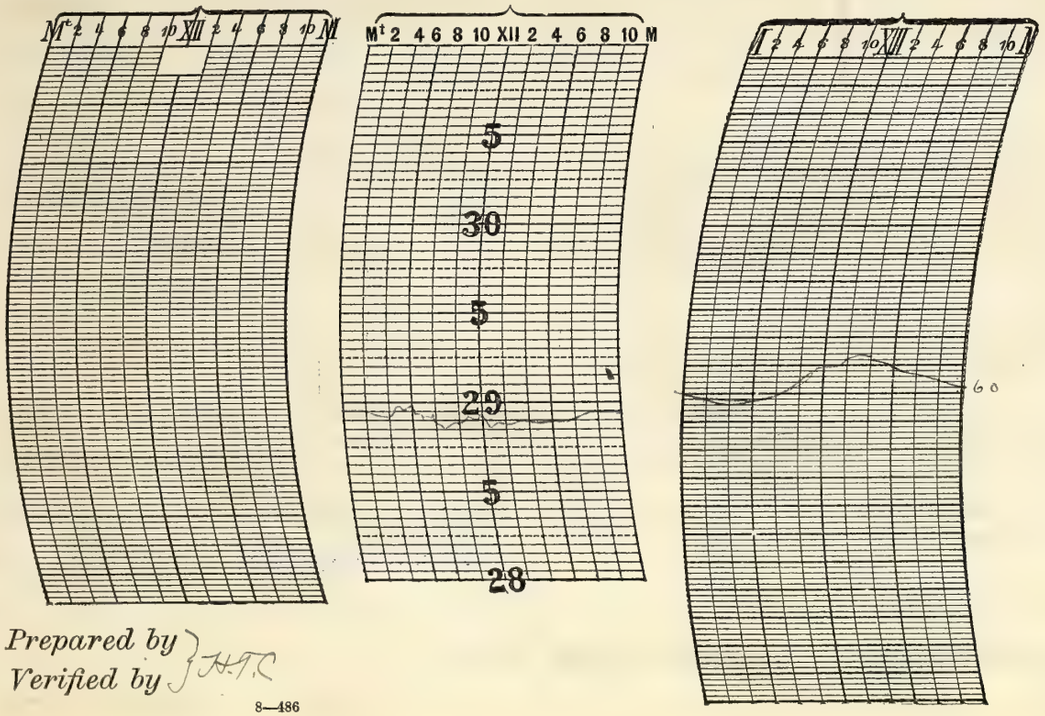
Maximum velocity, 18 Direction, E Time. 6.27 p

Relative humidity, 99 a. m. 100 p. m.

Reduced barometer, 29.84 a. m. 29.82 p. m.

River gage,

NOTES.



Prepared by }
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

JUN 18 1911

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) ....., 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	61	60	59	59	60	62	66	69	73	74	76	77	78	79	78	78	77	75	73	71	69	67	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy					Clear					Clear									
Sunrise: Time, 4.08 Character, Cloudy																					Sunset: Time, 7.15 Character, Clear			
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0				
Wind direction	NE	NE	NE	NE	E	NE	NE	E	E	NE	NE	E	E	E	E	E	E	E	E	E	SE	0	SE	0
Wind movement	13	11	11	10	5	7	8	9	10	12	12	11	10	12	11	7	7	7	4	2	1	0	1	0
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	59	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ...

Actual sunshine, hours, 12.0

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 79

Prevailing direction E

Total movement, 181

Average hourly velocity, 7.6

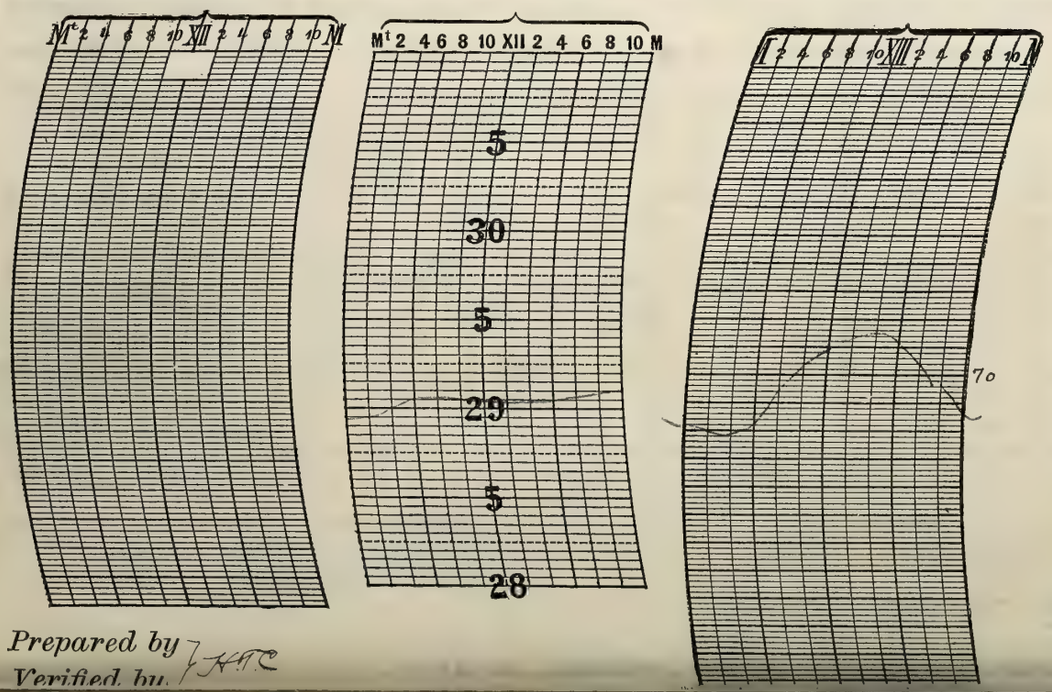
Maximum velocity,	Direction,	Time.
17	E	12.35 am

Relative humidity, 98 a. m. 55 p. m.

Reduced barometer, 29.98 a. m. 29.96 p. m.

River gage, ...

NOTES.



Prepared by
Verified by } HTC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 19 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	64	66	63	62	66	72	76	78	80	81	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunrise: Time, 4.05 Character, Clear												
Sunshine (in tenths of hours)					.8 / 0	.0 / 0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	NE	NE	NE	NE
Wind movement	4	4	2	3	2	2	1	3	4	4	5	6
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	82	82	85	82	82	82	79	75	73	71	71	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cloudy							
Sunset: Time, 7.16 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	0.9	1.0	0.8	0.1 / 0.9	1.0 / 0	.2 / 0				
Wind direction	NE	NW	NE	N	N	N	N	N	N	NW	NW	NW
Wind movement	5	7	7	8	7	7	8	7	5	5	4	3

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	85	62	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Actual sunshine, hours, 14.8

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 98

Prevailing direction N

Total movement, 113

Average hourly velocity, 4.7

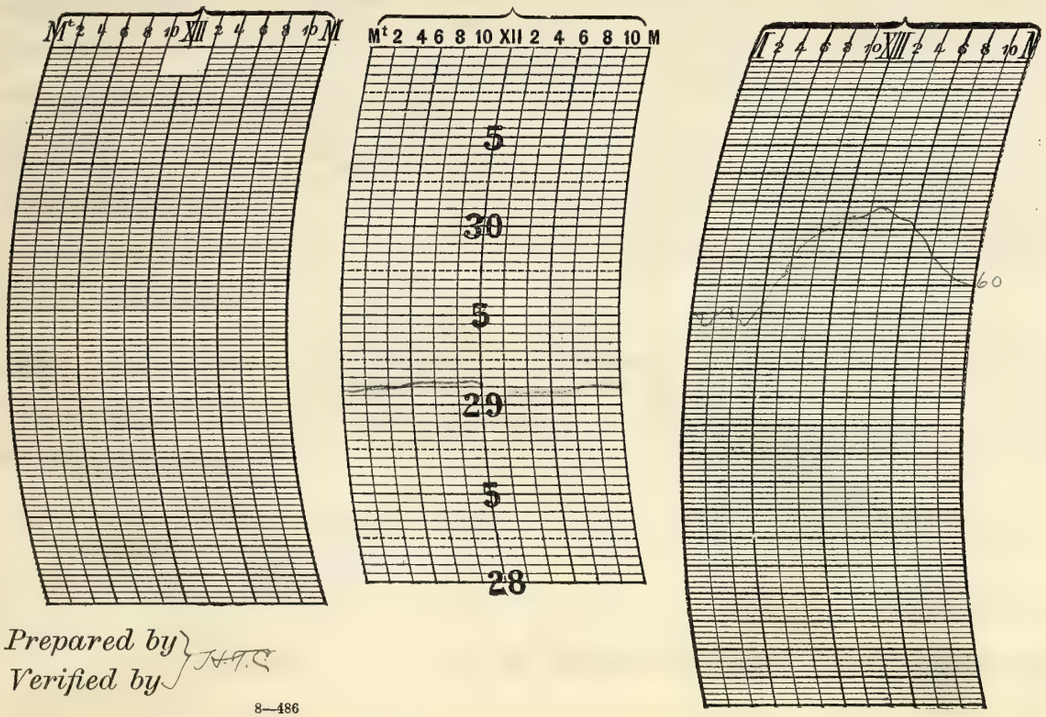
Maximum velocity, 10 Direction, NE Time. 12.24p

Relative humidity, 67 a. m. 47 p. m.

Reduced barometer, 30.04 a. m. 29.98 p. m.

River gage,

NOTES.



Prepared by } J.H.T.C
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 20 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	63	62	61	65	72	76	80	82	84	85
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear				
Sunrise: Time, 4.09 Character, Clear												
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	NW	NW	NW	NW	W	NW	NW
Wind movement	5	5	5	4	3	5	5	6	8	10	10	11
Maximum velocities (exceeding 29 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	87	88	89	88	86	83	79	76	74	73	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cloudy							
Sunset: Time, 7.16 Character, Clear												
Sunshine (in tenths of hours)	1.0	0.6	0.8	1.0	1.0	1.0	0	0				
Wind direction	NW	NW	N	NE	N	NE	NE	N	NW	NW	N	NE
Wind movement	11	10	7	10	7	8	7	6	5	5	6	9
Maximum velocities (exceeding 29 miles)												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
89	61	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Actual sunshine, hours, 14.5

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 96

Prevailing direction NW

Total movement, 168

Average hourly velocity, 7.0

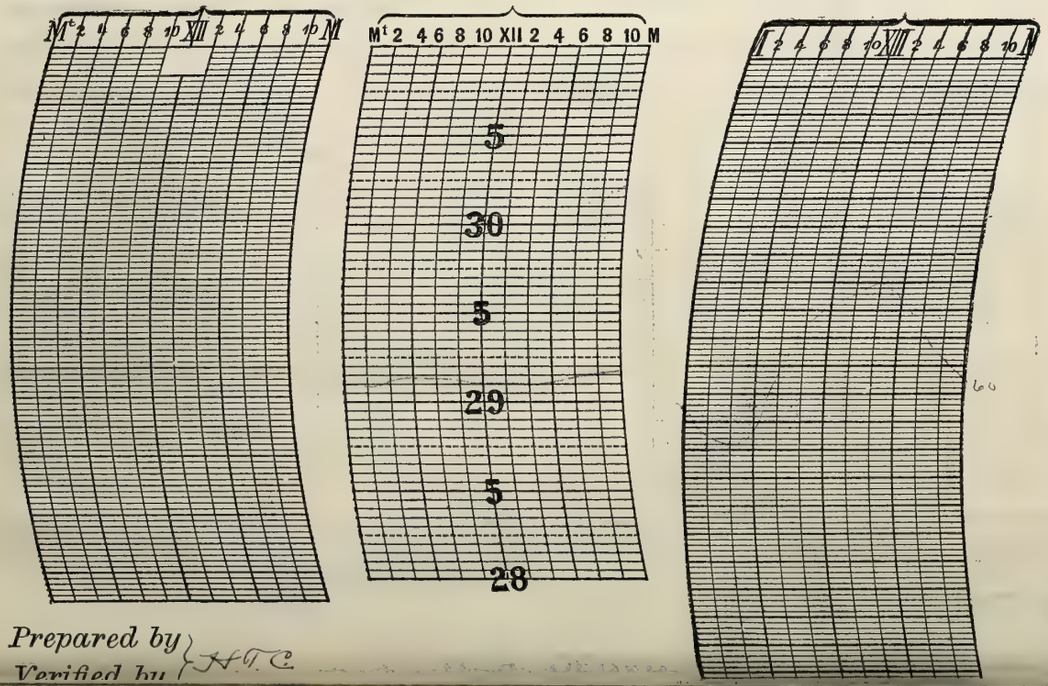
Maximum velocity,	Direction,	Time.
13	NW	1.10 p

Relative humidity, 68 a. m. 47 p. m.

Reduced barometer, 30.05 a. m. 30.06 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 21 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

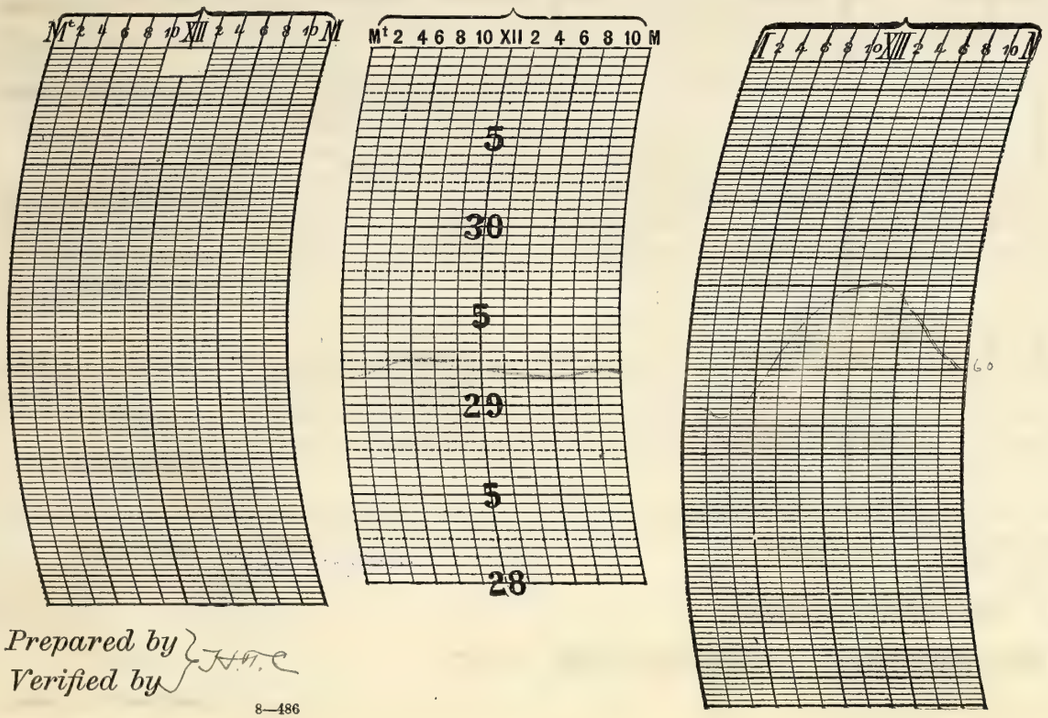
	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	65	63	62	62	62	66	68	72	75	78	80	82	84	85	84	85	84	82	80	77	74	71	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt Cloudy						Clear											
Sunrise: Time, 4.09 Character, Cloudy																					Sunset: Time, 7.16 Character, Clear			
Sunshine (in tenths of hours)				1	0	0.2	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0				
Wind direction	E	E	NE	NE	NE	NE	E	E	SE	SE	S	E	NE	NE	NE	NE	NE	NE	E	SE	SE	SE	S	S
Wind movement	8	8	7	6	5	5	5	5	6	4	5	5	5	5	6	5	6	4	3	4	4	3	2	4
Maximum velocities (exceeding 7 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	85	62	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Actual sunshine, hours, 12.8
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 85
Prevailing direction NE
Total movement, 120
Average hourly velocity, 5.0
Maximum velocity, 9 Direction, NE Time. 12.30 am.
Relative humidity, 7 a. m. 33 p. m.
Reduced barometer, 30.16 a. m. 30.08 p. m.
River gage,

NOTES.



Prepared by
Verified by } H.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 22 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	66	65	64	64	65	71	74	77	83	86	88	90	92	92	92	93	91	89	86	83	80	78	77
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear											Clear									
Sunrise: Time, 4.09; Character, Clear																					Sunset: Time, 7.16; Character, Clear			
Sunshine (in tenths of hours)					8.5 / 0	0.8 / 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 / 0.7	1.0 / 0	2.7 / 0				
Wind direction	S	S	S	S	S	S	SW	SW	SW	W	W	NW	NW	N	NW	NW	W	SW	SW	SW	SW	SW	SW	NW
Wind movement	2	3	1	1	2	3	6	9	6	5	5	5	5	4	6	5	4	3	4	4	5	4	3	2
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
93	64	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ____

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 97

Average hourly velocity, 4.0

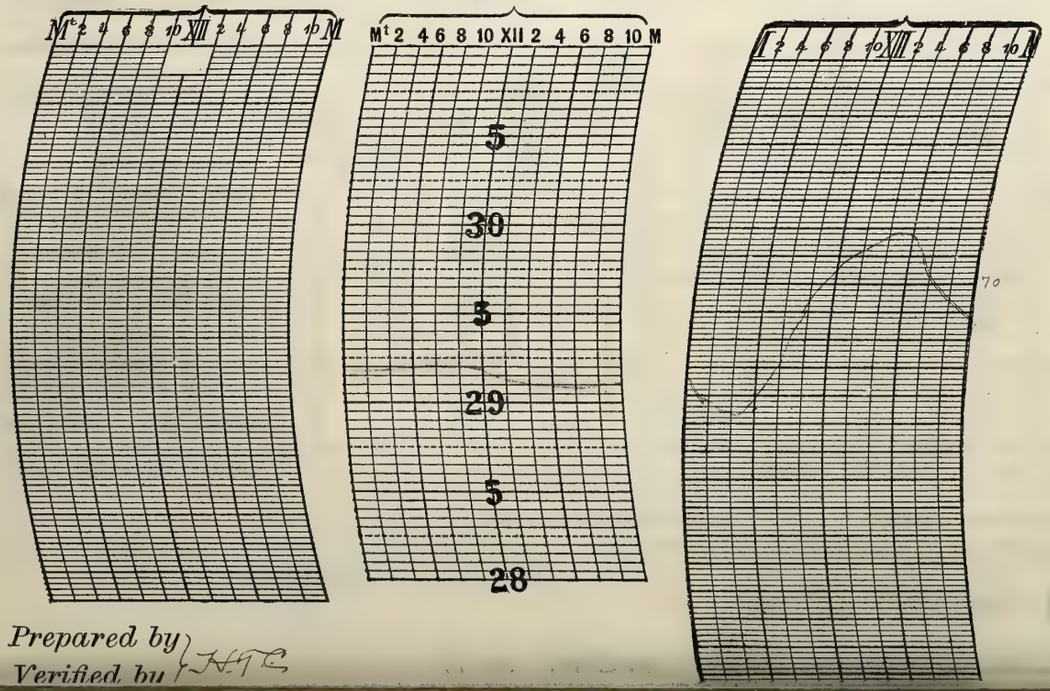
Maximum velocity, 10 Direction, SW Time. 7.12 a

Relative humidity, 59 a. m. 42 p. m.

Reduced barometer, 30.12 a. m. 29.98 p. m.

River gage, ____

NOTES.



Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 23 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	74	71	69	69	70	74	78	81	86	88	90	92	94	94	94	94	92	88	83	80	79	77	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear										Clear									
Sunrise: Time, 4.09 Character, Clear																					Sunset: Time, 7.17 Character, Clear			
Sunshine (in tenths of hours)					85 0	1.0 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	05 0.5	1.0 0	28 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW
Wind movement	7	6	7	6	5	6	6	8	8	10	9	8	9	10	10	8	8	6	6	9	7	8	7	7
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
94	69	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 178

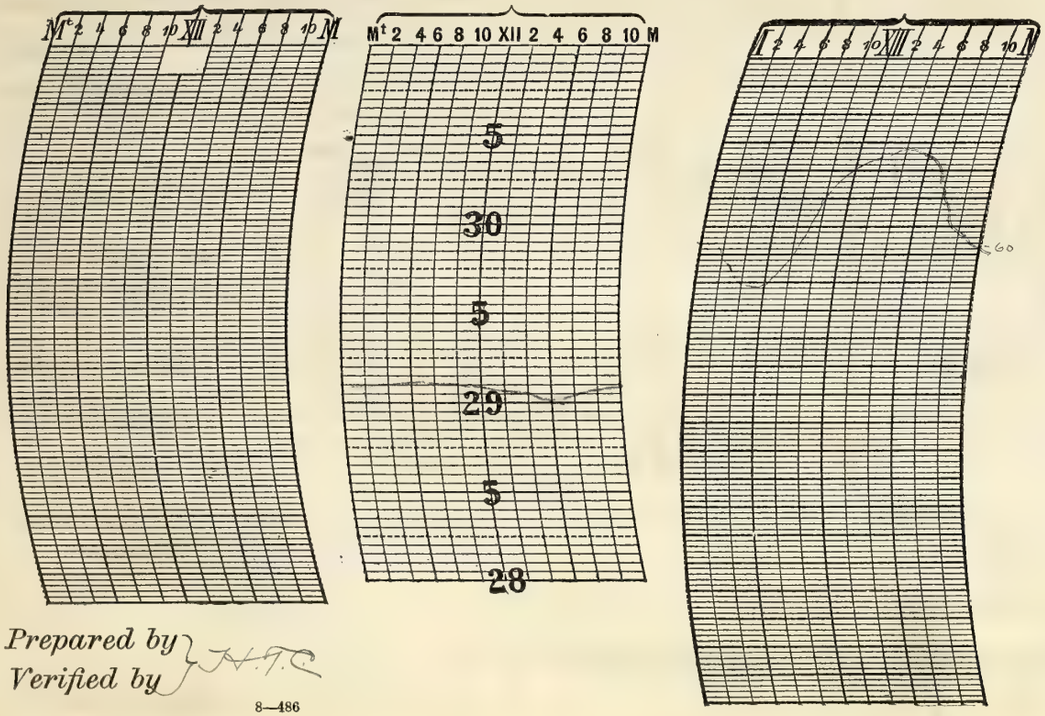
Average hourly velocity, 7.4

Maximum velocity,	Direction,	Time.
16	SW	1.10 p

Relative humidity, 63 a. m. 41 p. m.

Reduced barometer, 30.00 a. m. 29.90 p. m.

River gage,



NOTES.

Prepared by
Verified by H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 24 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	74	74	72	72	73	74	74	74	75	78	80
State of weather: Nature of precipitation and time of beginning and ending		RB DN RS DN						RB 8.30	RE 9.45			
Amounts of precipitation		T						T	T			
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 4.10; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.2	0.7
Wind direction	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	8	8	9	8	7	5	7	11	10	4	8	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	74	78	82	84	79	77	75	75	74	73	72	71
State of weather: Nature of precipitation and time of beginning and ending	RB 12.30	RE 1.10		RB 3.38	RE 4.18			RB 7.35			RE DN	
Amounts of precipitation	.28	.04		.01	T			T	.01	.03	.01	
Cloudiness and other conditions				Ft Cloudy								
Sunset: Time, 7.17; Character, Cloudy												
Sunshine (in tenths of hours)	0.3	0.6	0.9	0.6	0.1	0.2	0	0				
Wind direction	SE	NE	S	S	SE	SE	SE	SE	S	S	SE	SE
Wind movement	6	4	8	9	5	5	5	4	5	6	5	7

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	71	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .33 ins.

Total precipitation, midnight to midnight, .38 inches.

Character of day, Cloudy. Moon phase,

Actual sunshine, hours, 3.6

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 24

Prevailing direction SW

Total movement, 162

Average hourly velocity, 6.8

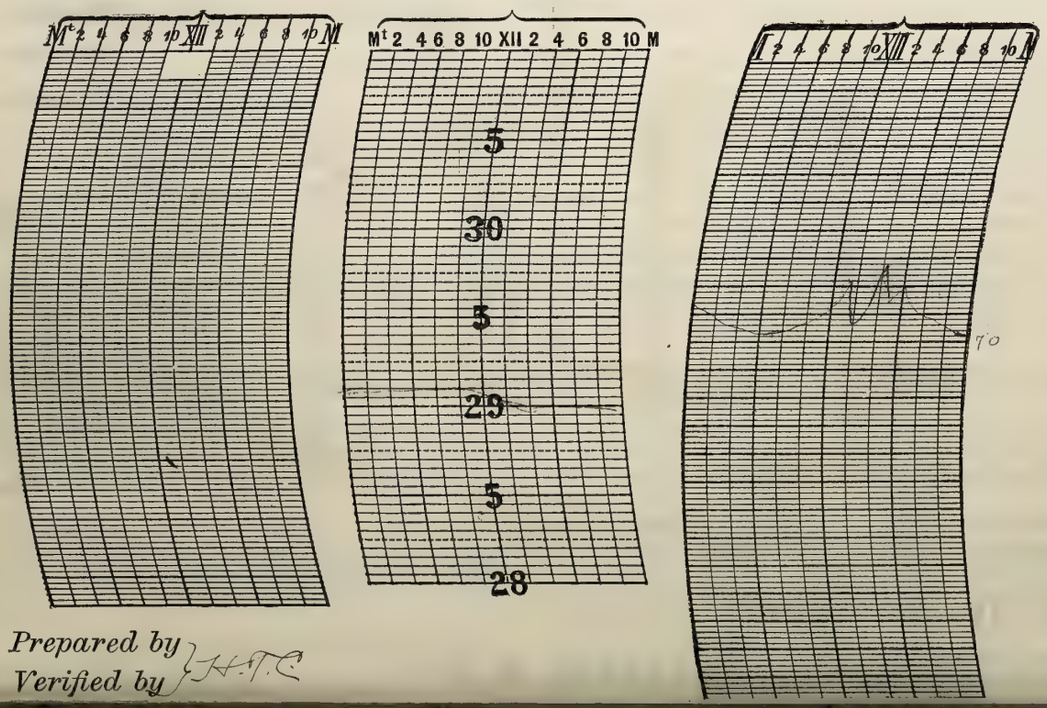
Maximum velocity,	Direction,	Time.
16	SW	12.35p

Relative humidity, 83 a. m. 87 p. m.

Reduced barometer, 30.02 a. m. 29.94 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 25 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	72	72	74	71	72	72	74	77	80	73	76
State of weather: Nature of precipitation and time of beginning and ending							RB 6.07 RE 6.38				RB 10.10	
Amounts of precipitation							.02				.15	.06
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 4.10 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0.2	0.8	0.8	0.2	0
Wind direction	SE	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	7	9	9	11	8	9	8	9	10	10	13	10
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	80	72	78	79	73	69	69	69	69	68	68
State of weather: Nature of precipitation and time of beginning and ending	RE 12.32		RB 2.18	RE 3.10			RB 6.27				RE 10.40	
Amounts of precipitation	.01		.38	T			.95	.09	.04	.07	.03	
Cloudiness and other conditions			Cloudy									
Sunset: Time, 7.17 Character, Cloudy												
Sunshine (in tenths of hours)	0.4	0.9	0.1	0.3	0.2	0	0	0				
Wind direction	SW	SW	SW	SW	S	S	NW	SW	SW	SW	S	S
Wind movement	9	11	11	2	4	5	14	7	5	6	4	6

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	2.18p	3.10p	.38	2.34p	2.44p	.02	.16	.31												
	6.27p	10.40p	1.18	6.29p	~~6.44p~~	X.01	.12	.23	.45	.75	.86	.94								

	Maximum.	Minimum.	Mean.	Normal.
	80	68	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .07 ins.; to 6.57 p. m., 1.51 ins.

Total precipitation, midnight to midnight, 1.80 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 3.9

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 26

Prevailing direction, S

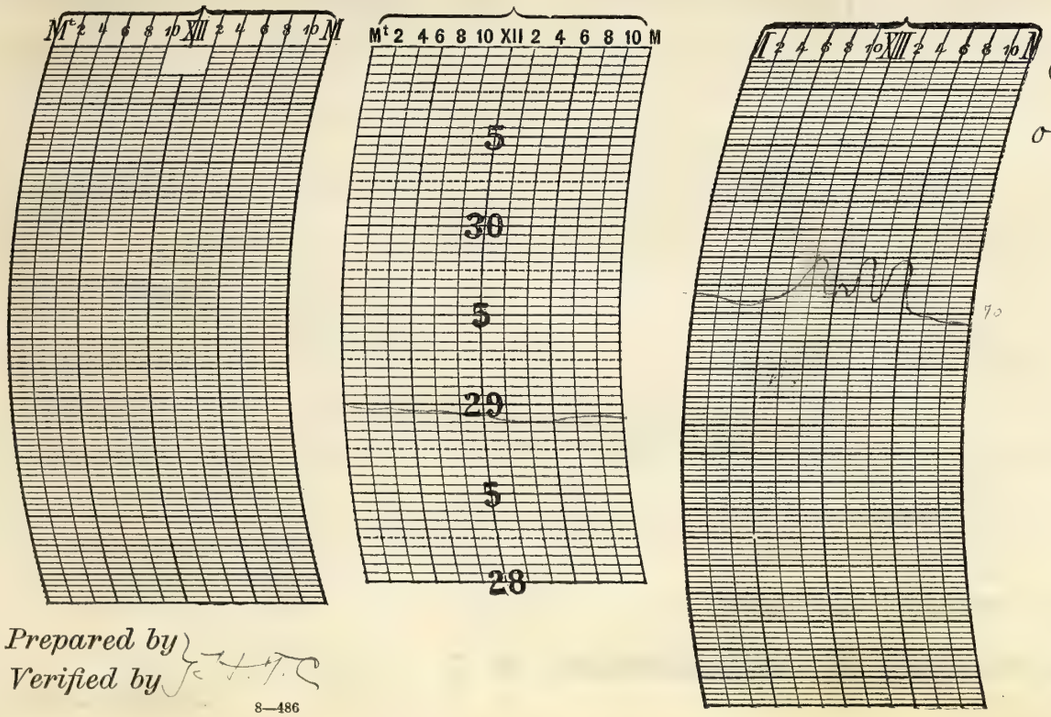
Total movement, 197

Average hourly velocity, 8.2

Maximum velocity,	Direction,	Time.
20	SW	6.30p

	a. m.	p. m.
Relative humidity,	96	100
Reduced barometer,	29.91	29.86

River gage,



NOTES.

A thunderstorm of moderate intensity occurred at 3.00 p.m.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 26 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	70	72	72	74	75	76	76	78	79	82	83
State of weather: Nature of precipitation and time of beginning and ending	RB DN	RE DN										
Amounts of precipitation	.11	T										
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 4.10 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	1.0	01	02	0.6	0.7	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S
Wind movement	8	9	12	9	10	11	14	12	13	17	16	19
Maximum velocities (exceeding 29 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	83	84	86	82	80	80 78	77	77	76	76	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cloudy							
Sunset: Time, 7.17 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	0.8	0.8	1.0	1.0	0.4	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	21	17	14	14	12	15	23	13	11	11	11	12
Maximum velocities (exceeding miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
86	69	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .38 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .11 inches.

Character of day, Pt Cloudy Moon phase,

Actual sunshine, hours, 8.6

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 57

Prevailing direction SW

Total movement, 314

Average hourly velocity, 13.2

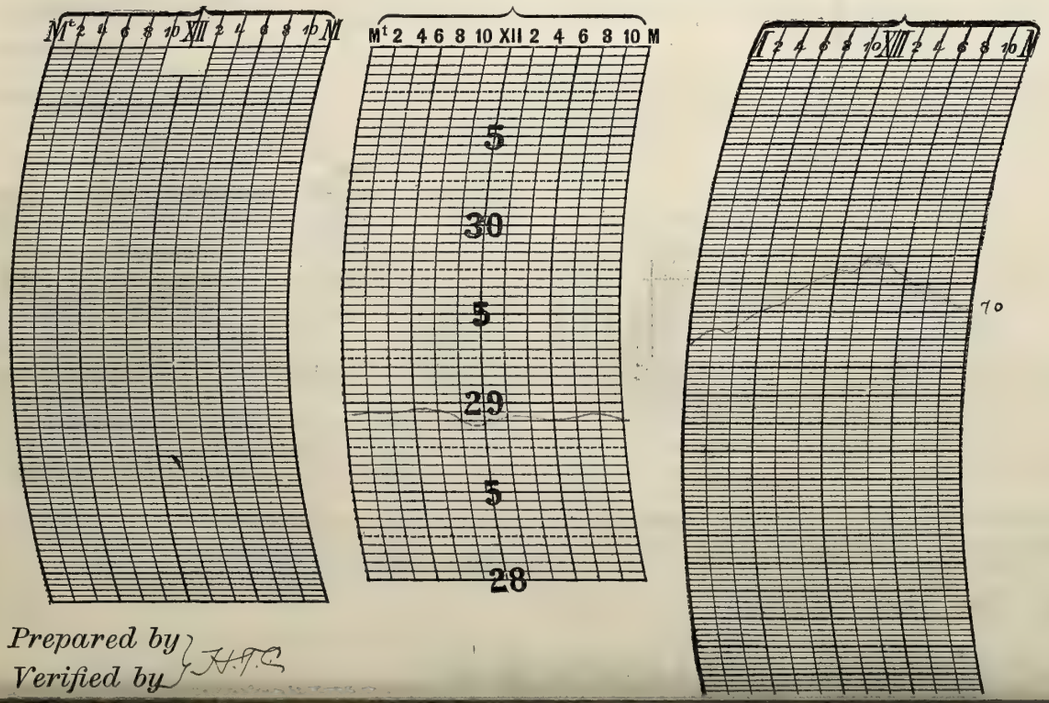
Maximum velocity,	Direction,	Time.
25	S	1232p

Relative humidity, 86 a. m. 64 p. m.

Reduced barometer, 29.88 a. m. 29.81 p. m.

River gage,

NOTES.



Prepared by
Verified by H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 27 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	74	74	74	74	74	75	74	76	75	78	79
State of weather: Nature of precipitation and time of beginning and ending	RB DN	RE DN							RB 9.20	RE 10.14		
Amounts of precipitation	T	T							.01	.01		
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	4.11 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0.4	0.1	0.7	1.0
Wind direction	SW	SW	SW	SW	SW	W	W	NW	W	W	W	W
Wind movement	14	11	13	11	11	12	8	7	7	10	11	11

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	82	82	82	81	81	79	77	73	72	70	67	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy											
Sunset: Time, Character									7.17 Clear			
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.6	1.0	0.6 (0.4)	0 (1.0)	0 (.28)				
Wind direction	W	SW	SW	W	W	W	W	W	W	NW	NW	NW
Wind movement	14	17	16	13	15	14	11	8	9	8	8	7

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	82	66	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy. Moon phase,

Actual sunshine, hours, 9.0

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 60

Prevailing direction W

Total movement, 226

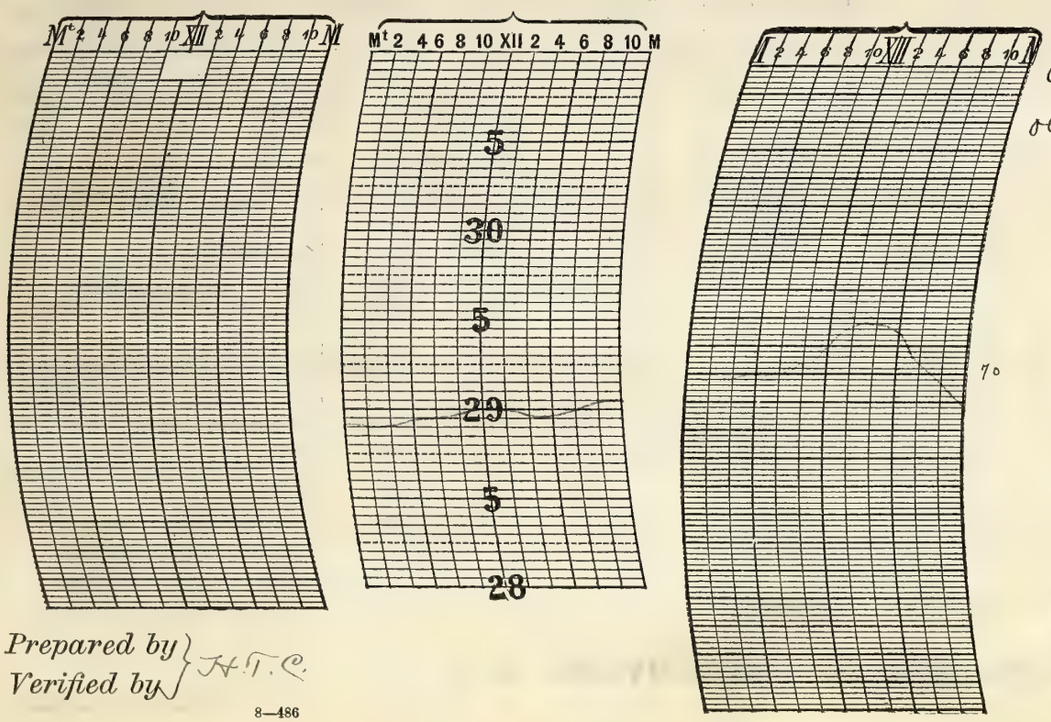
Average hourly velocity, 9.4

Maximum velocity, 22 Direction, SW Time, 1.26 p

Relative humidity, 85 a. m. 53 p. m.

Reduced barometer, 29.87 a. m. 29.89 p. m.

River gage,



NOTES.

A Thunderstorm of light intensity of occurred between 1.00 and 2.00 a. m.

Prepared by } H. T. C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 28 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	62	60	61	60	61	63	65	65	67	69	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Pt Cloudy				
Sunrise: Time, 4.11; Character, Clear												
Sunshine (in tenths of hours)					.82 0	1.0 0	1.0	0.9	0.6	1.0	1.0	1.0
Wind direction	N	N	NW	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	7	5	2	3	2	4	5	8	11	9	8	9
Maximum velocities (exceeding 7 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	73	72	73	74	73	72	68	66	64	62	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Pt Cloudy								
Sunset: Time, 7.17; Character, Clear												
Sunshine (in tenths of hours)	1.0	0.9	0.7	0.7	0.9	1.0	1.0 0	.78 0				
Wind direction	NW	NW	N	N	N	N	N	N	N	N	N	N
Wind movement	8	7	8	7	7	6	6	4	6	5	6	8
Maximum velocities (exceeding 7 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
74	60	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 13.8

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 91

Prevailing direction N

Total movement, 151

Average hourly velocity, 6.3

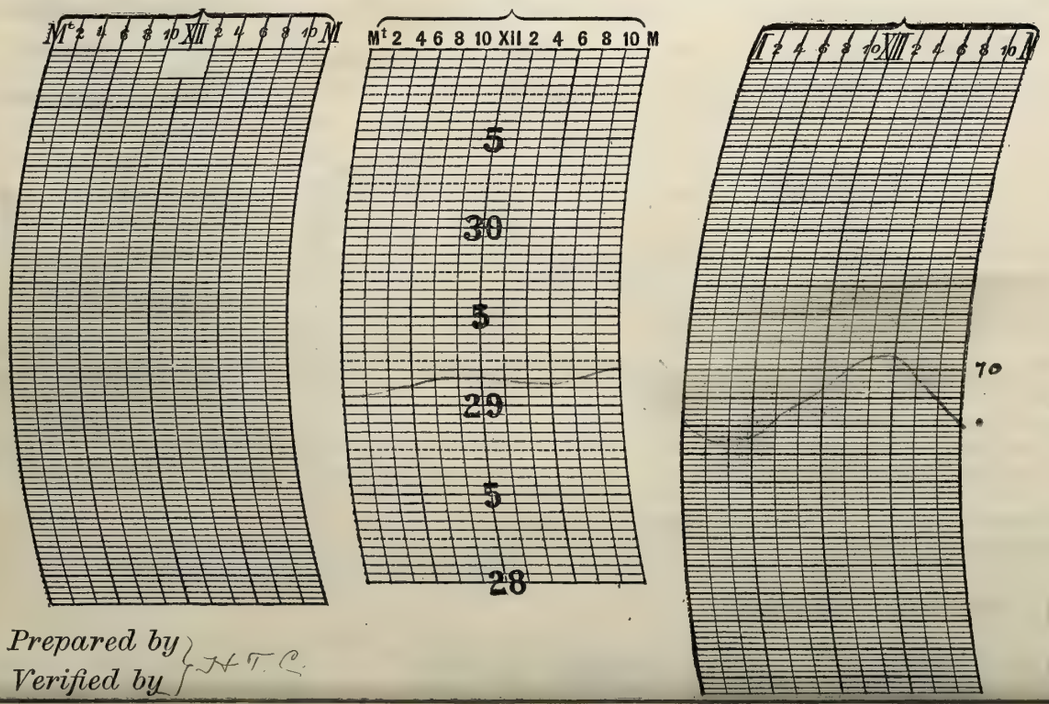
Maximum velocity,	Direction,	Time.
14	NW	8.55a

Relative humidity, 74 a. m. 55 p. m.

Reduced barometer, 30.06 a. m. 30.07 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 29 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	57	56	55	58	62	65	68	72	72	73	74	75	76	78	76	75	74	71	70	67	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear									Clear								
Sunshine (in tenths of hours)					.82 / 0	1.0 / 0	0.6 / 0.4	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 / 0.7	1.0 / 0	.28 / 0				
Wind direction	NE	N	NE	NE	NE	NE	E	E	SE	SE	E	SE	E	NE	NE	NE	NE	NE	NE	E	E	E	E	SE
Wind movement	6	7	6	6	5	6	4	6	6	5	6	5	5	7	7	7	8	8	7	6	6	7	8	5
Maximum velocities (exceeding 27 miles)																								

Sunrise: Time, 4.11; Character, Clear

Sunset: Time, 7.17; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 15.0

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 99

Prevailing direction NE

Total movement, 149

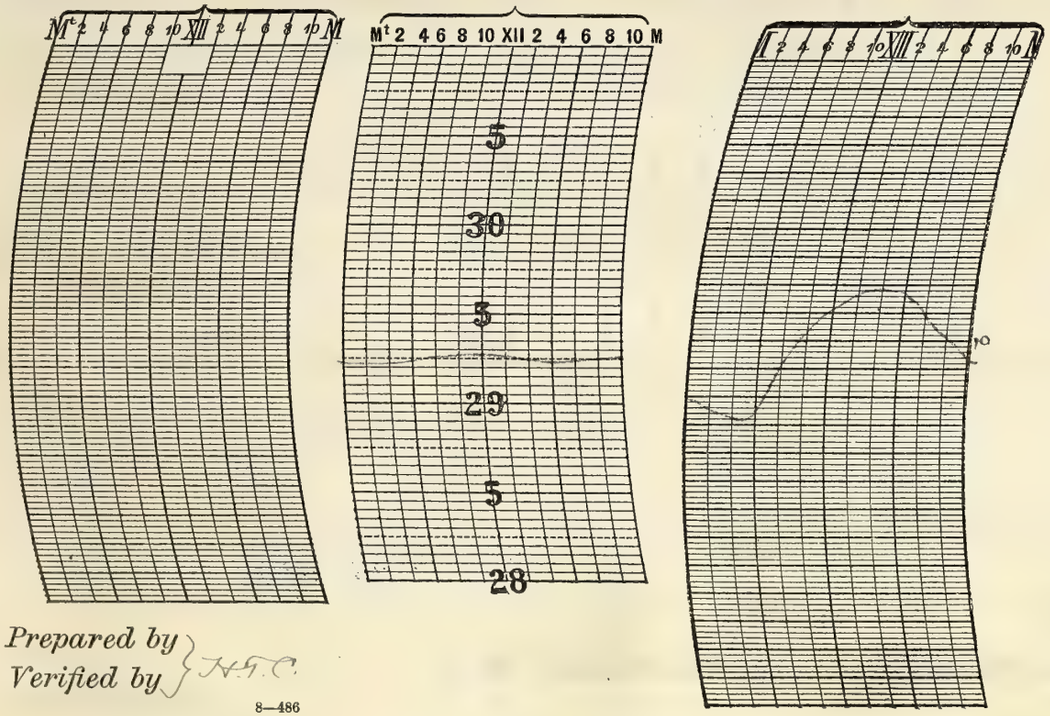
Average hourly velocity, 6.2

Maximum velocity,	Direction,	Time.
10	NE	3.13 p

Relative humidity, 55 a. m. 60 p. m.

Reduced barometer, 30.20 a. m. 30.15 p. m.

River gage,



NOTES.

Prepared by
Verified by } H.F.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 30 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	60	59	61	66	69	74	75	77	79	81	82	83	84	83	82	81	79	78	76	74	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear									Clear									
Sunrise: Time, 4.12 Character, Clear																					Sunset: Time, 7.17 Character, Clear			
Sunshine (in tenths of hours)					.80 0	1.0 0	.07 .03	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.06	0	0				
Wind direction	SE	SE	SE	E	E	E	SE	E	E	E	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	O	E
Wind movement	4	3	2	3	3	3	3	5	4	5	6	5	5	6	6	5	6	4	3	4	2	3	0	1
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	59	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m. 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 1.00

Prevailing direction E

Total movement, 91

Average hourly velocity, 3.8

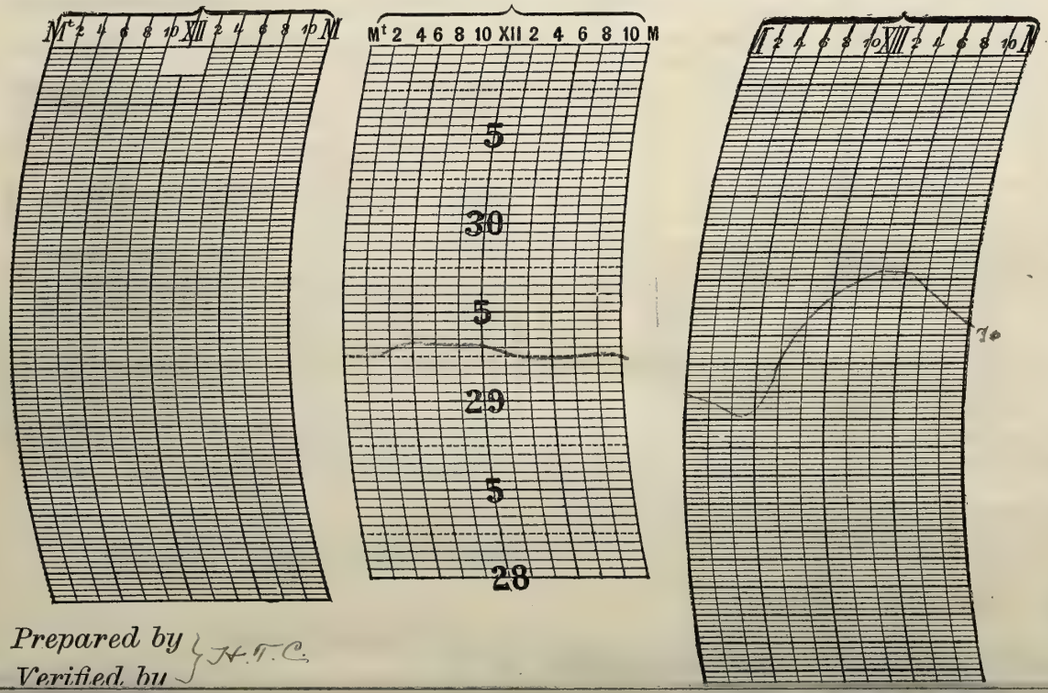
Maximum velocity,	Direction,	Time.
9	NE	12.56 p

Relative humidity, 64 a. m. 48 p. m.

Reduced barometer, 30.24 a. m. 30.15 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL -1 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	71	69	69	68 69	73	76	80	84	87	88	90	91	93	93	92	92	90	88	86	84	82	80	79
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—		Clear					—	—		Clear				—					
Sunrise: Time, 4:12 Character, Clear																					Sunset: Time, 7.17 Character, Cloudy			
Sunshine (in tenths of hours)					.80 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0				
Wind direction	E	E	O	E	O	E	S	SW	SW	W	SW	SW	SW	S	S	S	S	S	NE	NE	O	NE	E	E
Wind movement	3	1	0	1	0	1	3	5	5	2	5	5	6	5	5	4	3	2	2	1	0	2	1	2
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
93	68	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 12.6

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 83

Prevailing direction S, E

Total movement, 6 ~~8~~ 4

Average hourly velocity, 2.6

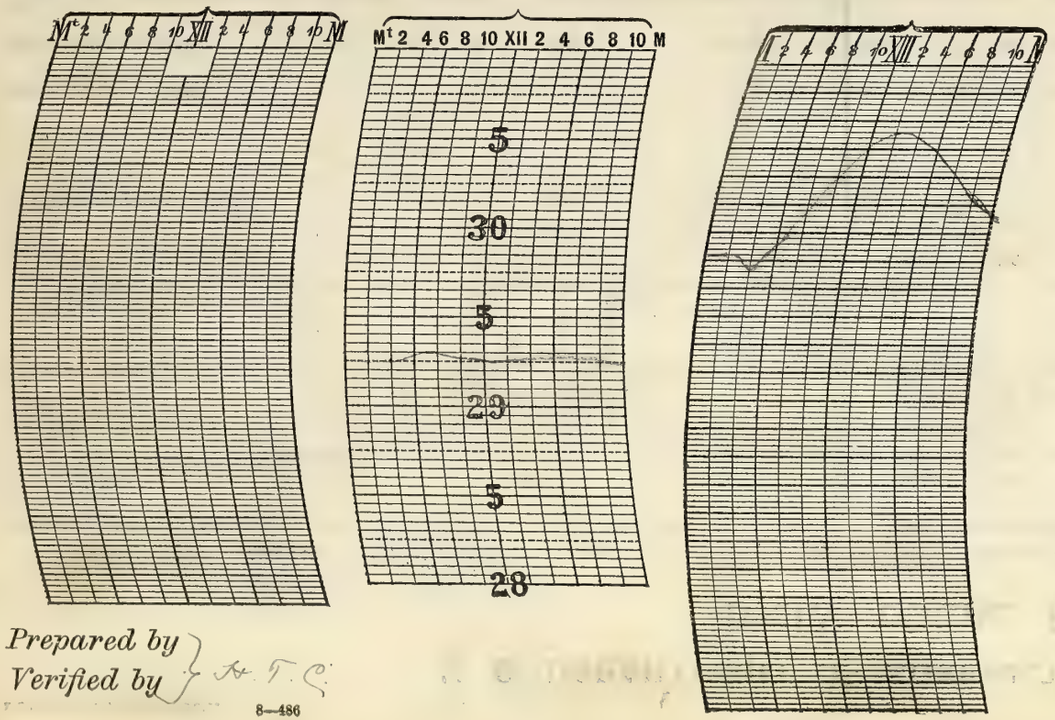
Maximum velocity,	Direction,	Time.
7	SW	1.00 p m

Relative humidity, 49 a. m. 46 p. m.

Reduced barometer, 30.19 a. m. 30.07 p. m.

River gage,

NOTES.



Prepared by
Verified by } A. T. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL - 2 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	76	75	74	72	73	76	79	86	88	90	91	93	94	95	96	97	93	92	89	85	84	81	79
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunrise: Time, 4.13 Character, Cloudy																					Sunset: Time, 7.17 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	1.0 0	28 0				
Wind direction	SE	SE	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NE	E	O	E	O	SE
Wind movement	2	3	2	3	2	4	5	5	6	7	8	8	7	8	8	6	4	3	2	1	0	1	0	1
Maximum velocities (exceeding 27 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

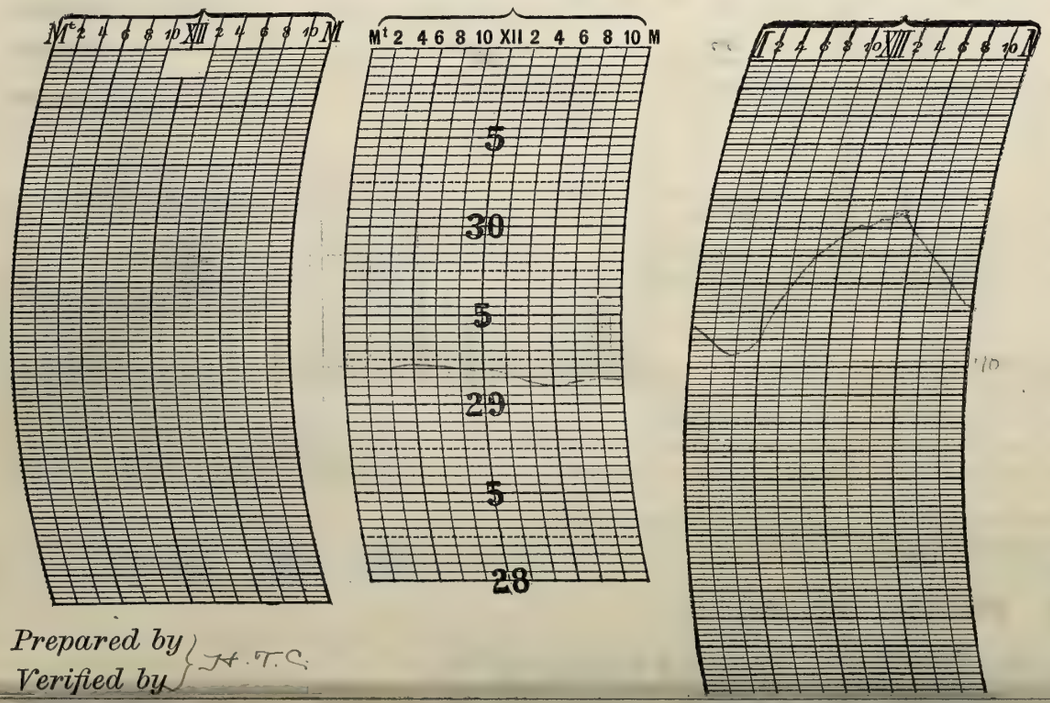
	Maximum.	Minimum.	Mean.	Normal.
Temperature	97	72	84	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Actual sunshine, hours, 12.9
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 85
Prevailing direction SW
Total movement, 96
Average hourly velocity, 4.0

Maximum velocity,	Direction,	Time.
10	SW	11.34 a.m

Relative humidity, 62 a. m. 40 p. m.
Reduced barometer, 30.08 a. m. 29.97 p. m.
River gage,

NOTES.



Prepared by
Verified by } H.T.S.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL - 3 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	80	75	76	75	78	81	87	91	93	94	96
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear				
Sunrise: Time, 4.13 Character, Clear												
Sunshine (in tenths of hours)					.78 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	W	SW	S	SW	SW	SW	W	SW	SW
Wind movement	4	4	3	3	3	5	5	4	4	6	6	8
Maximum velocities (exceeding ~~27~~ miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	97	99	99	98	88	80	81	82	80	82	79	79
State of weather: Nature of precipitation and time of beginning and ending					RB 5.00 RE 5.25				RB 9.02 RE 9.40			
Amounts of precipitation					0.3				0.4			
Cloudiness and other conditions			Clear				Partly Cloudy					
Sunset: Time, 7.17 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0	0	0	0				
Wind direction	SW	SW	W	NW	W	W	N	NW	N	SW	SW	S
Wind movement	7	7	6	5	9	14	6	7	5	3	3	5

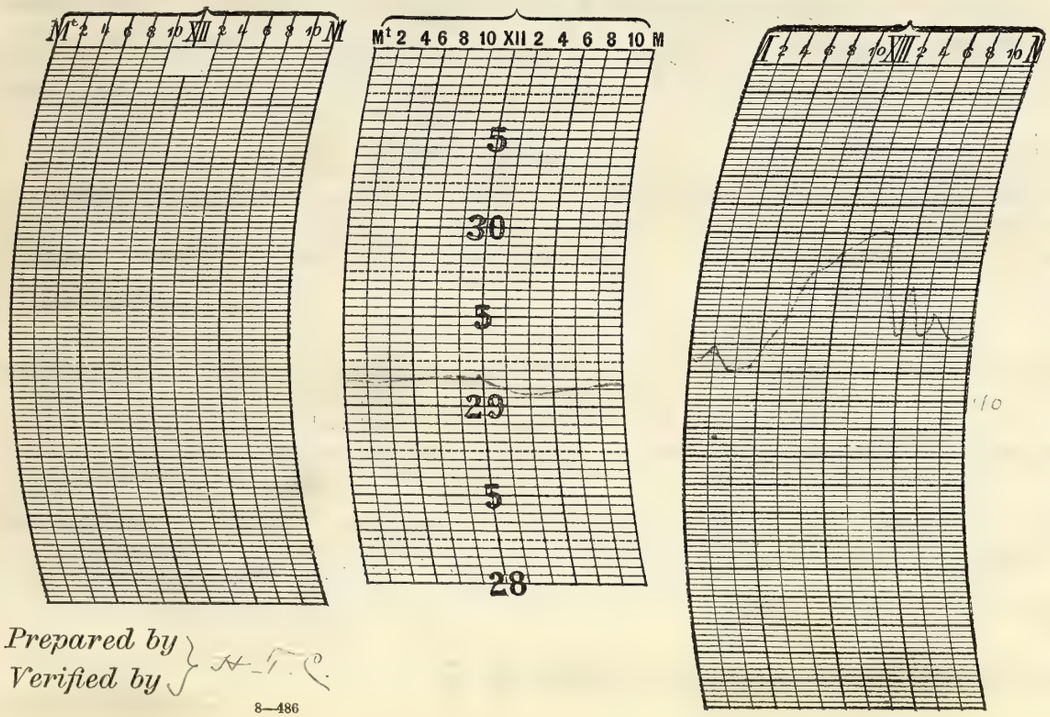
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	99	75	87	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.3 ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, Clear Moon phase, F. Q.
Actual sunshine, hours, 11.8
Possible sunshine, hours, ~~15.0~~ 15.1
Percentage of possible sunshine, 79
Prevailing direction SW
Total movement, 132
Average hourly velocity, 5.5

Maximum velocity,	Direction,	Time.
2.6	SW	520p

Relative humidity, 66 a. m. 62 p. m.
Reduced barometer, 30.02 a. m. 29.98 p. m.
River gage,



NOTES.

a thunderstorm of moderate intensity occurred at 5.00 p.m.

Prepared by
Verified by } H. T. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL - 4 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	78	75	76	75	74	76	84	85	88	92	96	97	98	100	100	99	98	96	87	89	90	88	85	81
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Clear										
Sunrise: Time, 4.14 Character, Clear																					Sunset: Time, 7.16 Character, Cloudy			
Sunshine (in tenths of hours)					.7 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0				
Wind direction	S	SW	W	0	0	NW	S	SE	E	NE	NE	NW	SW	SW	NW	NW	N	NE	SE	S	SE	S	SE	SW
Wind movement	5	3	1	0	0	1	1	3	2	4	4	4	8	6	6	6	5	4	14	14	6	5	4	4
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
100	74	87	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 13.6

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 91

Prevailing direction, NW, SW, S, SE

Total movement, 110

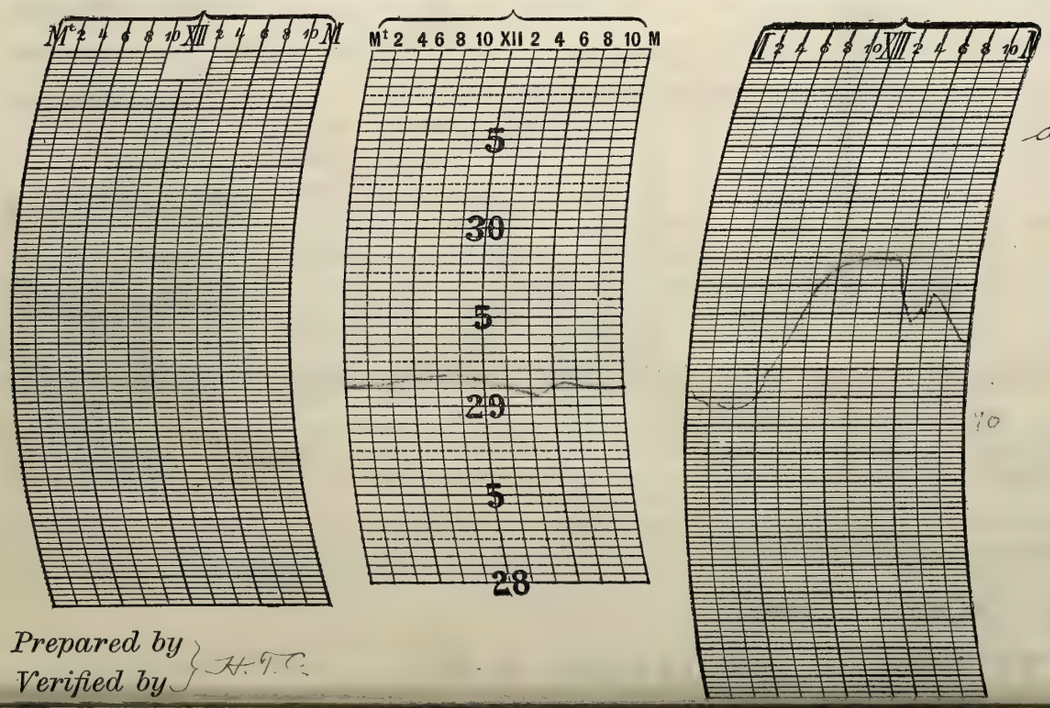
Average hourly velocity, 4.6

Maximum velocity,	Direction,	Time.
20	SE	7.00p

Relative humidity, 58 a. m. 48 p. m.

Reduced barometer, 30.03 a. m. 29.99 p. m.

River gage,



NOTES.

A thunderstorm of light intensity occurred at 6.00 p.m. in the vicinity of the station

Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL - 5 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	79	78	78	75	76	78	81	86	89	92	95	97	98	98	96	96	91	91	89	87	84	84	82
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear										Clear									
Sunrise: Time, 415; Character, Clear																					Sunset: Time, 716; Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0				
Wind direction	SW	SW	S	SW	S	SW	SW	SW	SW	S	SW	S	SW	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	6	3	5	3	8	9	10	7	9	8	8	8	9	8	9	9	8	7	5	8	9	8	10	9
Maximum velocities (exceeding 99 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
98	75	86	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 13.2

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 88

Prevailing direction S

Total movement, 183

Average hourly velocity, 7.6

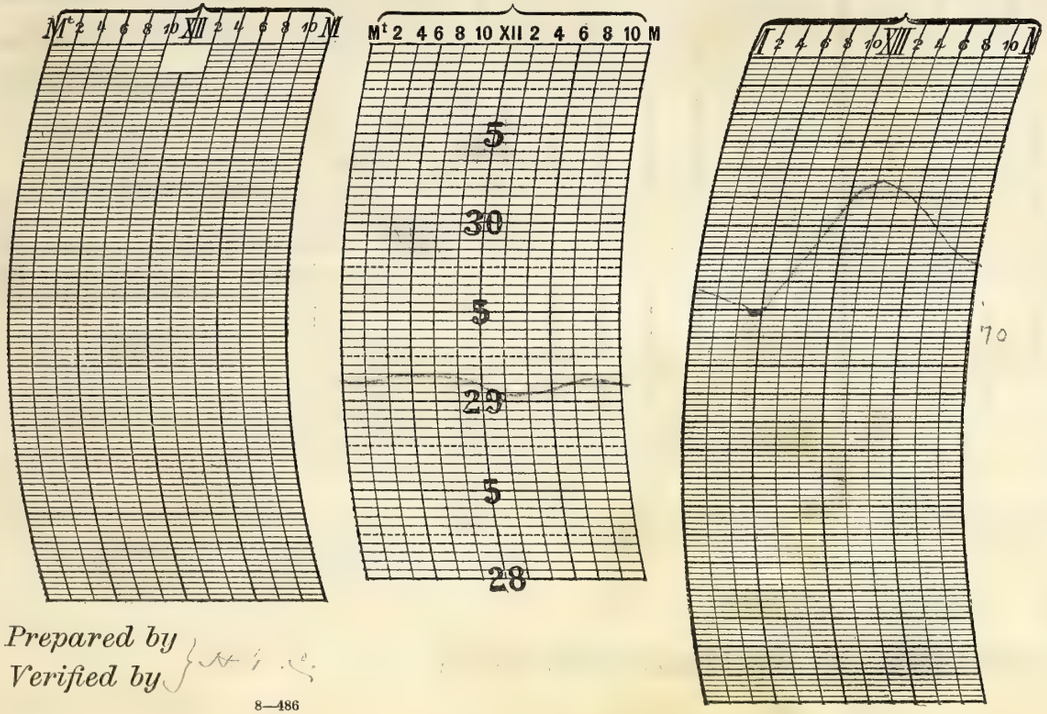
Maximum velocity,	Direction,	Time.
13	S	345 p.m.

Relative humidity, 68 a. m. 50 p. m.

Reduced barometer, 30.03 a. m. 29.97 p. m.

River gage,

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL - 6 1911, 191

Time (local standard), 75 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	80	78	78	76	74	75	78	81	83	87	90	89
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunrise: Time, 4.15 Character, Clear					.75	1.0	0.2					
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	0.9
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW
Wind movement	8	8	6	7	7	8	8	9	7	10	12	11
Maximum velocities (exceeding 9 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	87	86	87	88	86	86	83	79	77	77	77	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy									
Sunset: Time, 7.16 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	0.3	0	0.6	0	0.4	0	0				
Wind direction	NW	NW	W	NW	N	N	N	N	NE	NE	E	NE
Wind movement	13	10	6	8	7	7	7	5	5	5	3	6
Maximum velocities (exceeding miles)												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
90	74	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, P. Cloudy Moon phase,

Actual sunshine, hours, 10.0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 67

Prevailing direction SW

Total movement, 183

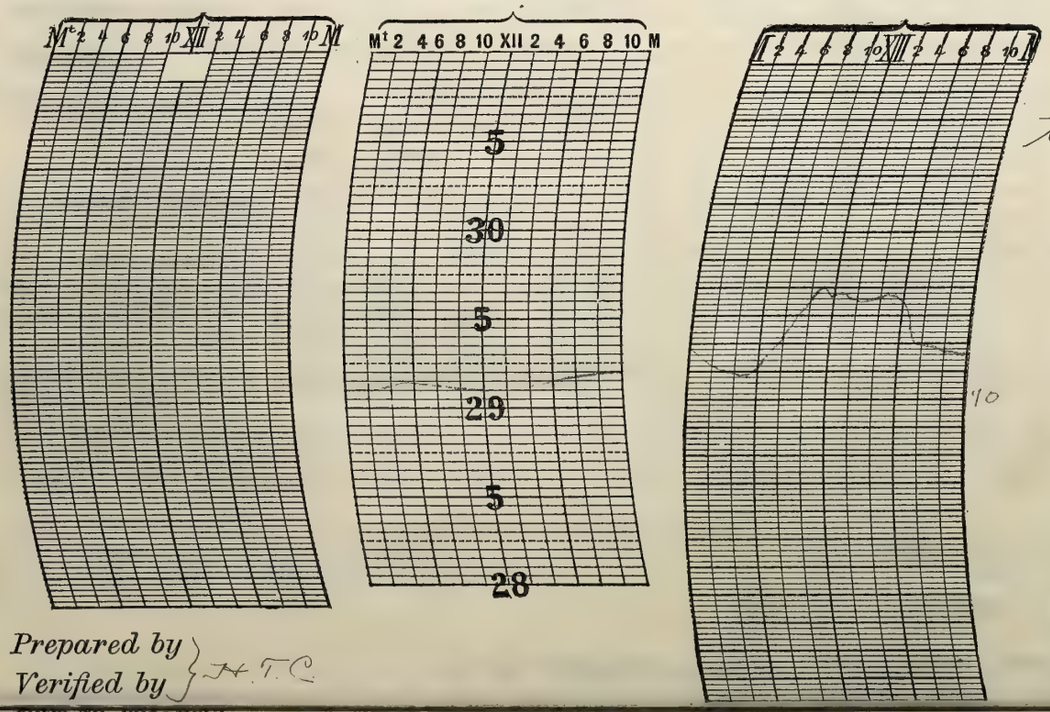
Average hourly velocity, 7.6

Maximum velocity,	Direction,	Time.
16	NW	12.16 p.m.

Relative humidity, 72 a. m. 62 p. m.

Reduced barometer, 30.06 a. m. 30.05 p. m.

River gage,



NOTES.

a light thunderstorm occurred near the station at 6.00 p.m

Prepared by
Verified by } H. T. C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL - 7 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	72	71	69	67	70	70	74	77	80	81	83	85	86	86	86	85	83	80	78	76	74	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy									Clear								
Sunrise: Time, 4:16 Character, Cloudy																					Sunset: Time, 7:16 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.2	0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	1.0 0	.27 0				
Wind direction	E	E	E	NE	NE	NE	NE	E	E	NE	E	E	E	NE	~~E~~	E	E	E	E	E	E	E	E	NE
Wind movement	8	9	9	9	9	8	9	7	7	7	7	6	8	8	7	7	6	6	7	9	9	8	4	5
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
86	67	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 10.5

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 70

Prevailing direction E

Total movement, 179

Average hourly velocity, 7.5

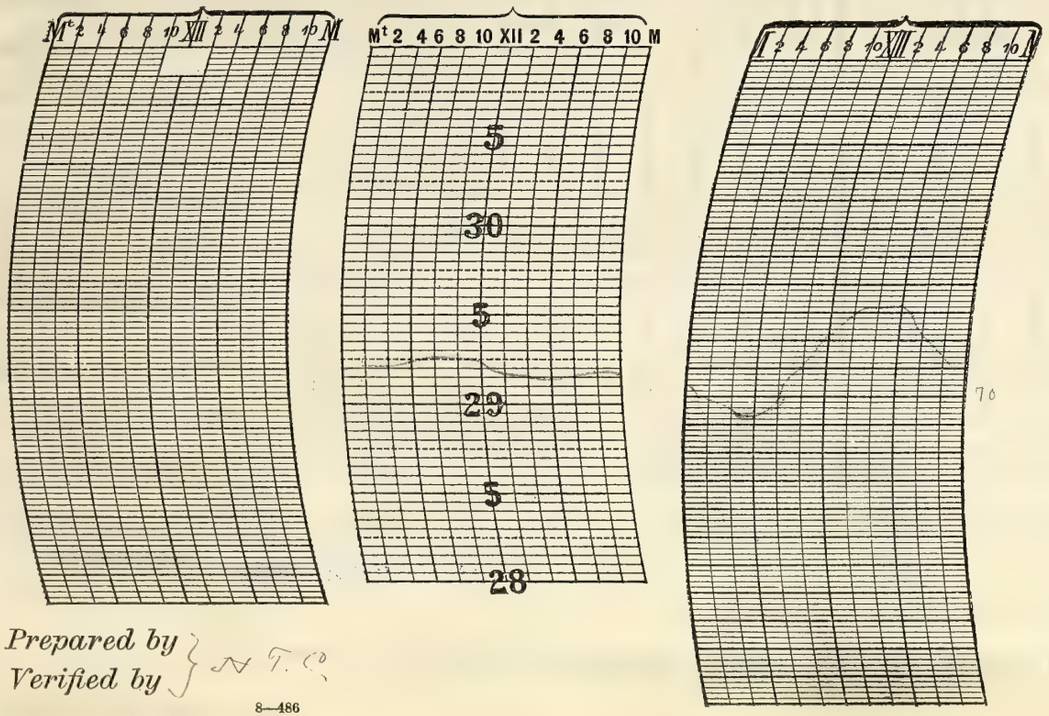
Maximum velocity,	Direction,	Time.
12	E	3:15 a m

Relative humidity, 69 a. m. 56 p. m.

Reduced barometer, 30.15 a. m. 30.05 p. m.

River gage,

NOTES.



Prepared by
Verified by } N. T. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL - 8 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	70	70	69	68	69	74	78	81	87	88	90	91	92	94	94	94	89	87	84	82	80	79	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear										Pt Cloudy									
Sunrise: Time, 4.16 Character, Clear																					Sunset: Time, 7.15 Character, Cloudy			
Sunshine (in tenths of hours)					.73 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.5	0	0				
Wind direction	NE	NE	NE	E	E	E	E	SE	SE	SE	SE	S	S	S	S	S	S	S	S	SE	S	SW	S	S
Wind movement	5	6	5	4	5	5	4	3	3	4	6	8	9	8	6	7	7	11	8	10	9	11	8	8
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
94	68	81	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear) Moon phase,

Actual sunshine, hours, 13.0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 87

Prevailing direction S

Total movement, 160

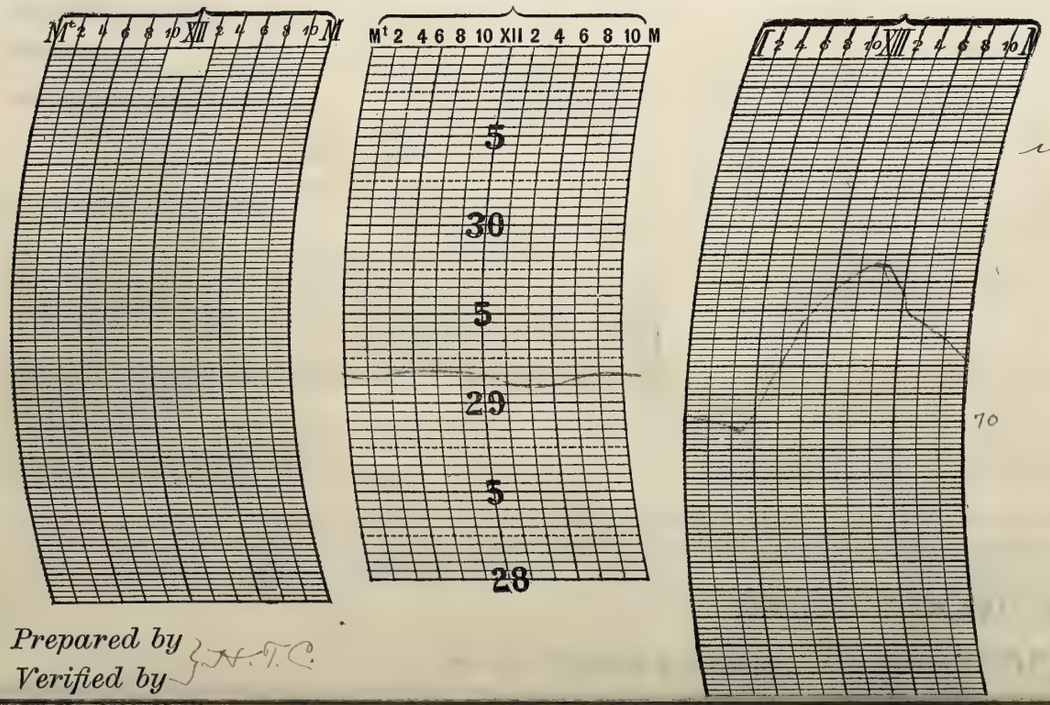
Average hourly velocity, 6.7

Maximum velocity,	Direction,	Time.
13	S	9.45 p.m.

Relative humidity, 74 a. m. 58 p. m.

Reduced barometer, 30.08 a. m. 30.00 p. m.

River gage,



NOTES.

a light thunderstorm occurred in the vicinity of the station at 8.05 p.m.

Prepared by
Verified by } N.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL - 9 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	74	74	73	72	74	77	81	84	87	88	90	91	92	92	92	92	91	90	86	83	82	81	80
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Pt Cloudy										
Sunrise: Time, 4.17 Character, Clear																					Sunset: Time, 7.15 Character, Cloudy			
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.1	0				
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW
Wind movement	8	8	6	6	7	10	10	11	10	13	14	16	16	17	16	16	16	14	10	7	6	9	9	10
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

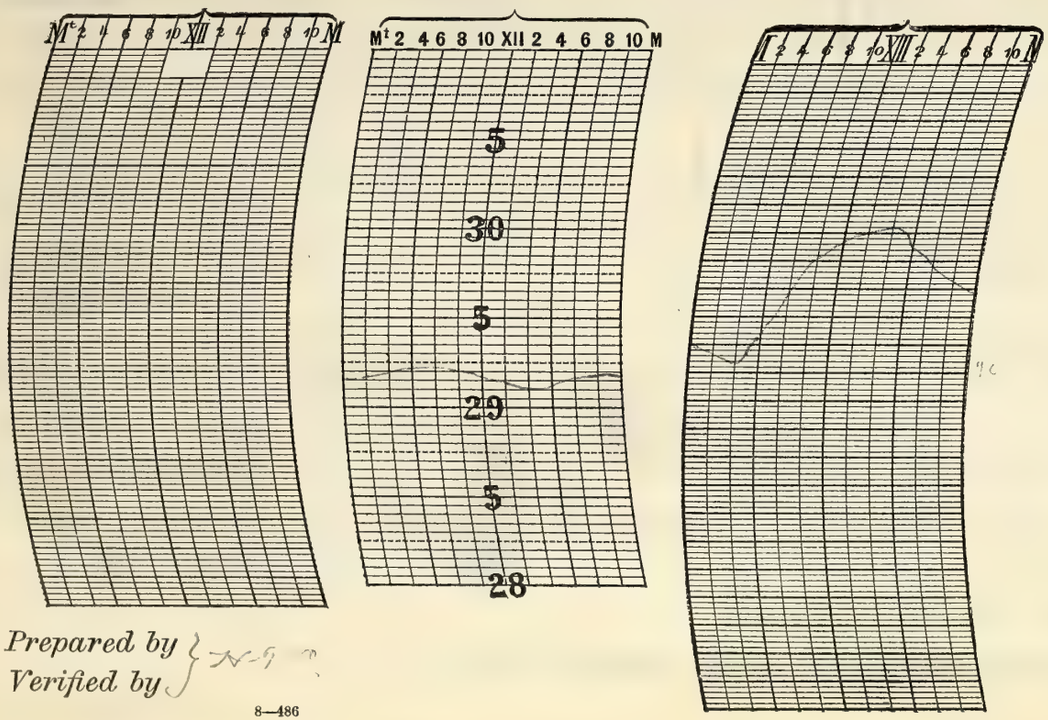
Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
92	72	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Actual sunshine, hours, 13.7
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 91
Prevailing direction SW
Total movement, 265
Average hourly velocity, 11.0

Maximum velocity,	Direction,	Time.
21	SW	2.00 p.m.

Relative humidity, 76 a. m. 45 p. m.
Reduced barometer, 30.11 a. m. 30.00 p. m.
River gage,



NOTES.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 10 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	79	78	77	75	74	75	78	81	83	84	81	83
Nature of precipitation and time of beginning and ending											RB 11.20 RE 11.35	
Amounts of precipitation											T	
Cloudiness and other conditions					Pt Cloudy							
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	0.8	0	0.4
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW
Wind movement	10	9	9	8	8	8	8	5	5	8	8	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	86	89	76	81	78	77	76	75	74	74	75	73
Nature of precipitation and time of beginning and ending		RB 2.35 RE 3.00		RB 4.50	RE 5.20							
Amounts of precipitation		.32		T	T							
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	1.0	1.0	0.2	0.4	0	0	0	0				
Wind direction	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	11	16	11	6	8	7	11	11	12	9

State of weather.

Sunrise: Time, 4.18; Character, Cloudy

Sunset: Time, 7.15; Character, Cloudy

Maximum velocities (exceeding 29 miles)

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	2.35	3.00	.32	~~2.35~~ 2.42	2.52	T	.21	.30												

	Maximum.	Minimum.	Mean.	Normal.
	89	73	81	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m. .32 ins.

Total precipitation, midnight to midnight, .32 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 6.9

Possible sunshine, hours, ~~14.9~~ 15.0

Percentage of possible sunshine, 46

Prevailing direction SW

Total movement, 210

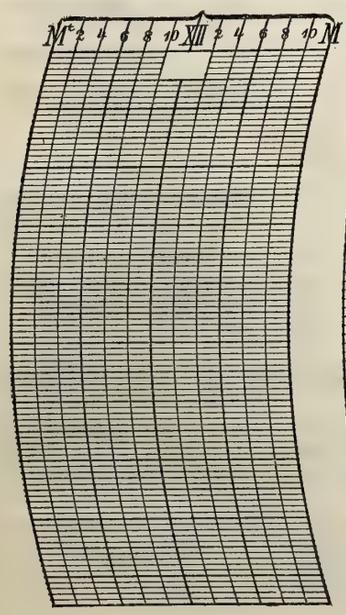
Average hourly velocity, 8.8

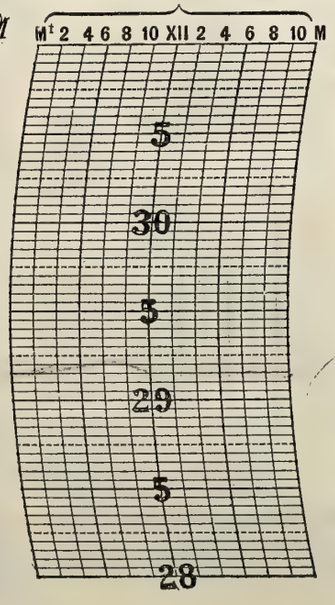
Maximum velocity, 19 Direction, ~~SW~~ SE Time. 3.04 p m

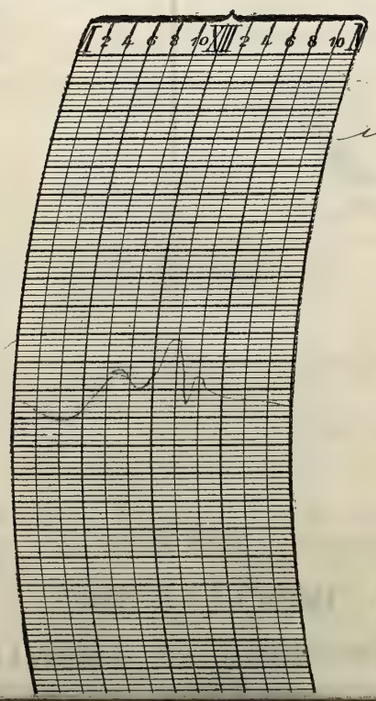
Relative humidity, 72 a. m. 76 p. m.

Reduced barometer, 30.09 a. m. 30.04 p. m.

River gage,







NOTES.

a thunderstorm of moderate intensity occurred at 3.00 p. m.

Prepared by } H.T.C.
Verified by }

Form No. 1012—Mct 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 11 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	72	71	70	70	71	75	78	82	86	88	89	89	90 (92)	90	88	85	84	83	80	77	76	74	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear					x	Pt	Cloudy									
Sunshine (in tenths of hours)	Sunrise: Time, 4/8 Character, Clear				.70 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0	0	0	Sunset: Time, 7/14 Character, Cloudy			
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	9	7	7	8	10	11	10	11	9	9	11	13	13	13	13	11	12	5	5	6	6	9	11	13
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
92	70	81	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy, Moon phase, F. M.

Actual sunshine, hours, 10.3

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 69

Prevailing direction SW

Total movement, 232

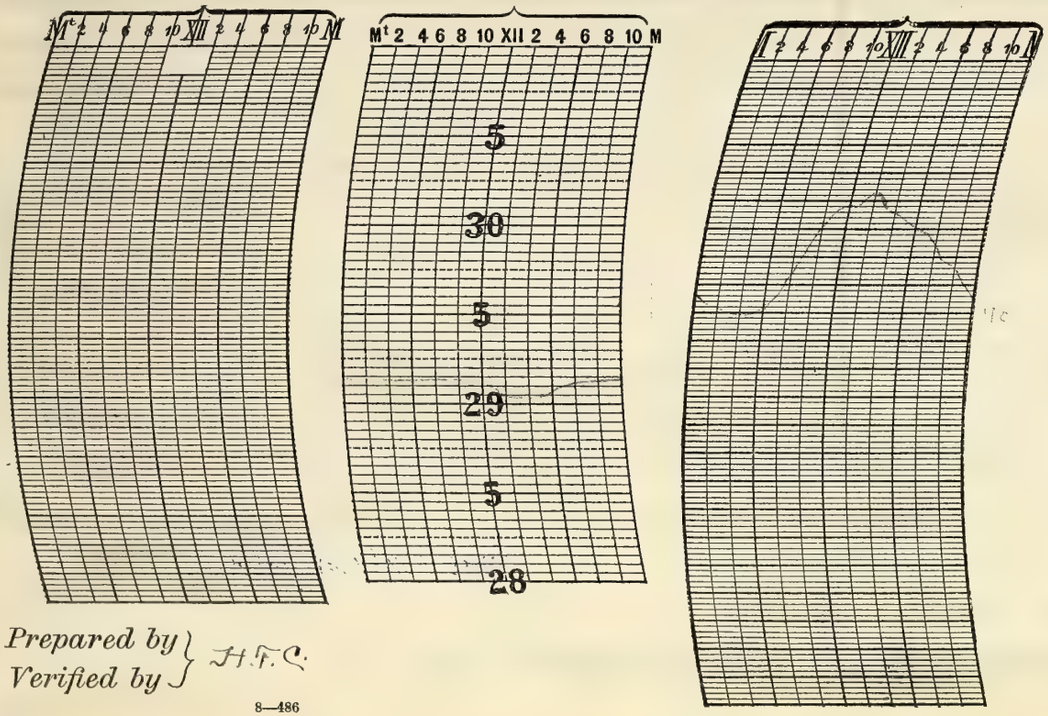
Average hourly velocity, 9.7

Maximum velocity,	Direction,	Time.
18	W	12.15 p m

Relative humidity, 82 a. m. 58 p. m.

Reduced barometer, 30.05 a. m. 29.97 p. m.

River gage,



NOTES.

Prepared by } H.F.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 12 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	69	68	68	68	69	72	75	76	78	81	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)					.68 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	NW	NW	N	NW	NW	NW	NW
Wind movement	7	8	9	8	4	6	8	10	10	10	10	13

Sunrise: Time, 4.19; Character, Clear

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	81	81	81	80	79	76	72	69	67	65	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	0.2 0.5	1.0 0	2.3 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	14	14	13	13	12	10	10	7	8	7	5	5

Sunset: Time, 7.14; Character, Clear

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
81	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 14.5

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 97

Prevailing direction NW

Total movement, 221

Average hourly velocity, 9.2

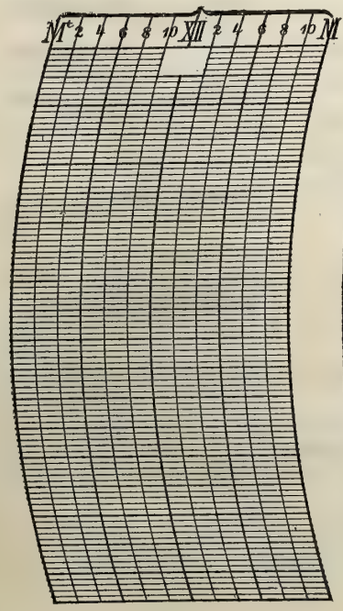
Maximum velocity,	Direction,	Time.
16	NW	2.07 pm

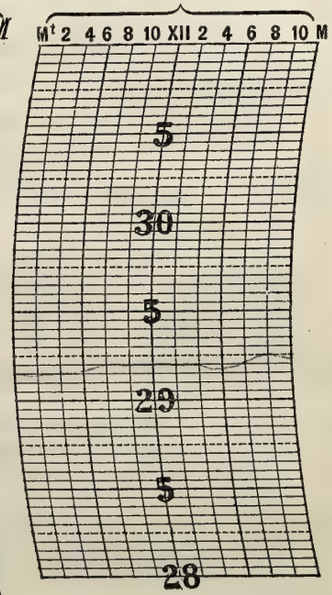
Relative humidity, 71 a. m. 45 p. m.

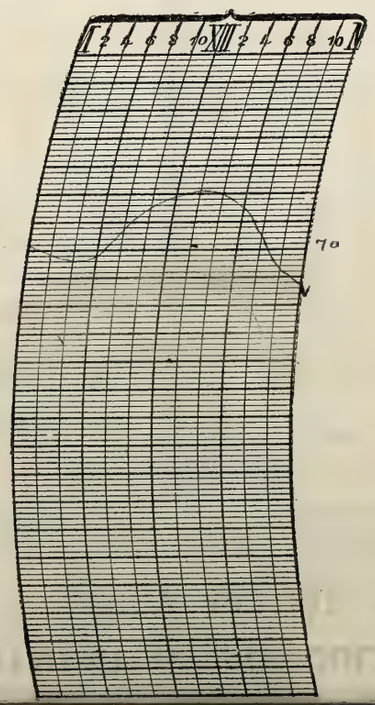
Reduced barometer, 30.04 a. m. 30.07 p. m.

River gage,

NOTES.







Prepared by } H. T. C.
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 13 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	62	61	60	59	61	67	71	74	74	76	76	78	79	81	82	81	80	78	75	72	70	68	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy							Pt Cloudy									
Sunshine (in tenths of hours)					0	0	0.4	0.8	0.8	0.1	0.8	0.6	1.0	1.0	0.9	0.7	1.0	1.0	0.9 0.1	.22 0				
Wind direction	NW	N	NW	NW	NW	NW	NW	NW	NW	NW	SW	NW	NW	W	W	NW	NW	NW	NW	NW	N	W	W	W
Wind movement	5	4	4	3	4	3	3	4	5	5	4	8	9	8	9	11	13	11	6	3	2	1	2	1

Sunrise: Time, 4.20 Character, Cloudy

Sunset: Time, 7.13 Character, Clear

Maximum 29 velocities (exceeding miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	82	59	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Actual sunshine, hours, 10.3

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 69

Prevailing direction, NW

Total movement, 138

Average hourly velocity, 5.8

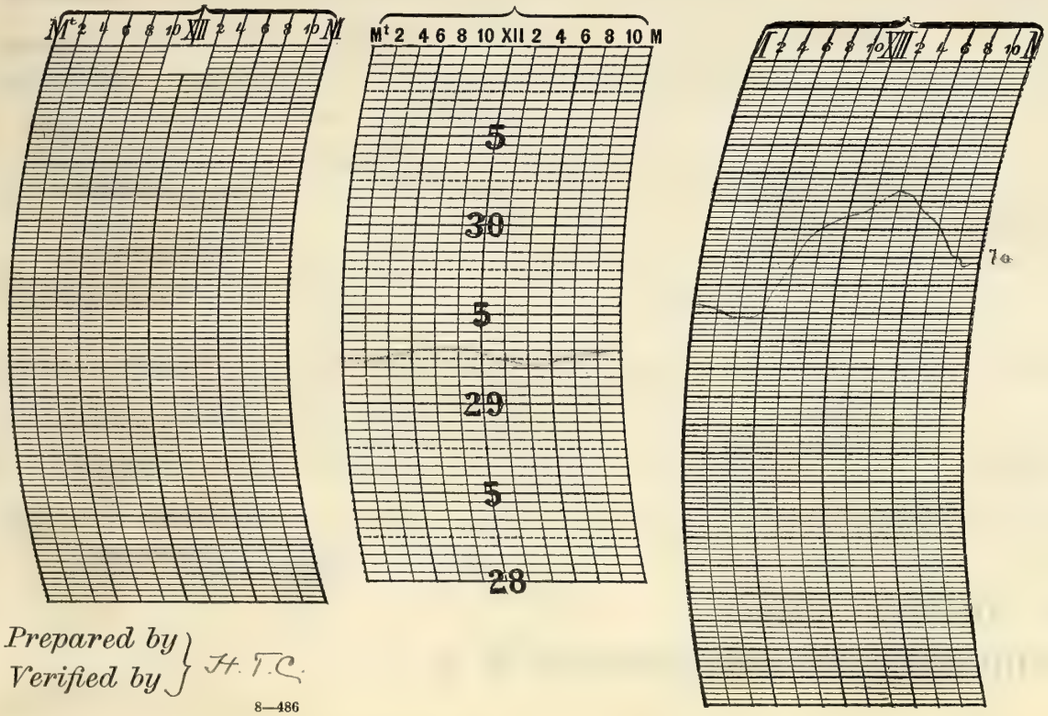
Maximum velocity, 16 Direction, NW Time. 4.10 pm

Relative humidity, 64 a. m. 31 p. m.

Reduced barometer, 30.20 a. m. 30.13 p. m.

River gage,

NOTES.



Prepared by } H. T. C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 14 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	65	62	67	59 60	64	69	75	78	80	82	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)					6 0	1.0 0	0.8	1.0	1.0	1.0	1.0	0.9
Wind direction	W	SW	SW	W	SW	NW	N	E	S	SW	W	NW
Wind movement	2	3	3	4	5	7	4	3	5	11	12	15

Sunrise: Time, 4.21; Character, Clear

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	83	84	85	85	83	81	78	75	73	71	69	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	2.2 0				
Wind direction	W	W	W	NW	NW	NW	NW	N	N	N	N	N
Wind movement	15	18	16	14	16	13	7	3	3	1	2	1

Sunset: Time, 7.13; Character, Clear

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	85	59	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 14.6

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 98

Prevailing direction NW, N.

Total movement, 183

Average hourly velocity, 7.6

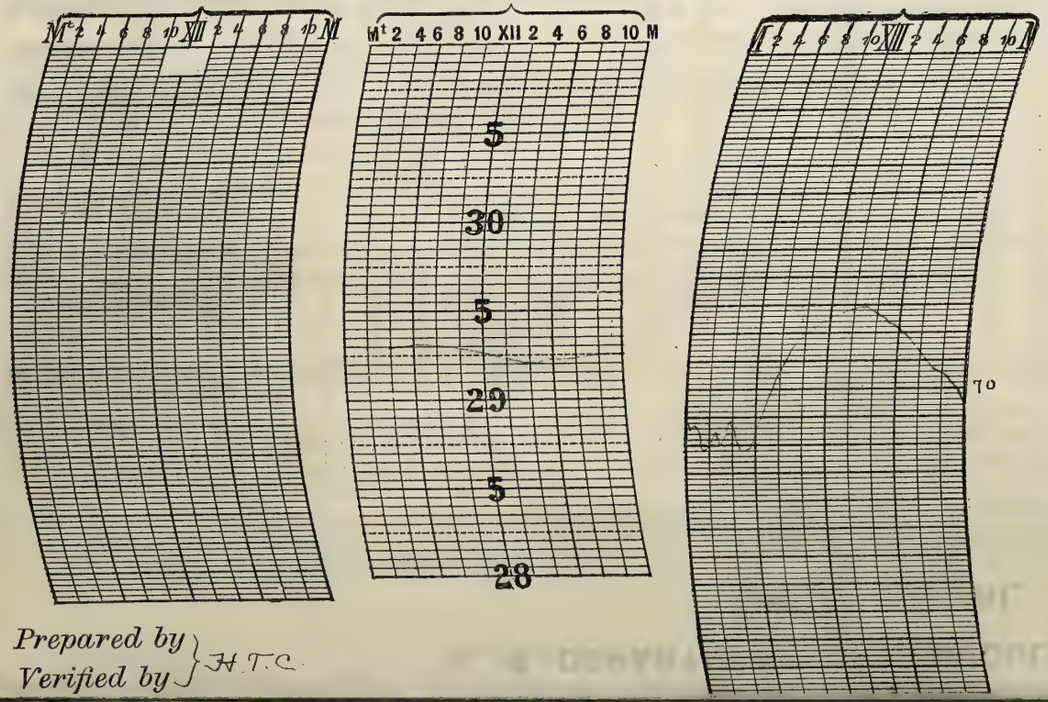
Maximum velocity,	Direction,	Time.
20	W	12.12 p m.

Relative humidity, 52 a. m. 40 p. m.

Reduced barometer, 30.21 a. m. 30.11 p. m.

River gage,

NOTES.



Prepared by } H.T.C.
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 15 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	59	59	58	61	67	74	78	81	81	83
State of weather: Nature of precipitation and time of beginning and ending										RB 10,05 RE 10,12		
Amounts of precipitation										T		
Cloudiness and other conditions								Pt Cloudy				
Sunrise: Time, 4.21 Character, Clear												
Sunshine (in tenths of hours)					0.5 0	1.0 0	1.0	0.9	1.0	1.0	0.6	1.0
Wind direction	W	SW	SW	SW	SW	SW	SW	S	SW	SW	W	SW
Wind movement	3	3	6	5	3	5	7	10	13	14	11	14
Maximum velocities (exceeding 29 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	85	86	88	88	87	83	72	72	75	75	75
State of weather: Nature of precipitation and time of beginning and ending							RB 7,05 RE 7,20					
Amounts of precipitation							T					
Cloudiness and other conditions		Pt Cloudy										
Sunset: Time, 7.12 Character, Cloudy												
Sunshine (in tenths of hours)	0.6	1.0	1.0	0.9	0.8	0.4	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	NE	SE	SE	SW	NW
Wind movement	15	18	15	16	14	11	11	7	7	9	13	14
Maximum velocities (exceeding 29 miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	88	58	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Actual sunshine, hours, 11.8

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 80

Prevailing direction SW

Total movement, 244

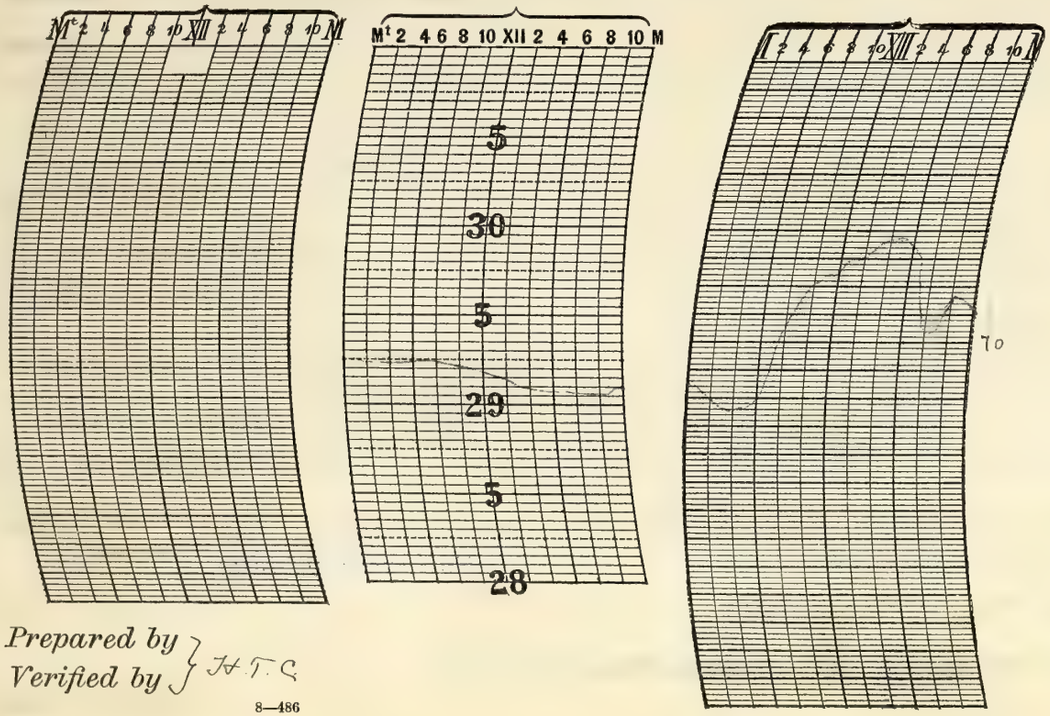
Average hourly velocity, 10.2

Maximum velocity, 26 Direction, N Time. 7.56 pm

Relative humidity, 54 a. m. 32 p. m.

Reduced barometer, 30.15 a. m. 29.99 p. m.

River gage,



NOTES.

Prepared by
Verified by } H.T.S

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 16 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	69	68	68	68	67	68	70	71	73	77	77	78	79 78	63	62	61	62	63	63	64	63	62	59
Nature of precipitation and time of beginning and ending														RB 2.44		RE 4.50			RB 7.02 RE 7.25					
Amounts of precipitation														.41	.19	.18			.01					
Cloudiness and other conditions									Cloudy						Cloudy									
Sunshine (in tenths of hours)					0	0	0	0	0	0.3	0.9	0.4	0.9	0.1	0	0	0	0	0	0				
Wind direction	Nw	Nw	w	sw	sw	s	s	s	s	sw	sw	sw	s	s	Nw	w	Nw	N	w	Nw	Nw	Nw	Nw	Nw
Wind movement	8	6	5	5	7	7	6	6	7	7	10	11	13	17	17	10	5	6	6	7	9	10	10	10

Sunrise: Time, 4.22 Character, Cloudy

Sunset: Time, 7.11 Character, Cloudy

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts: 2.44p	4.50p	.78	2.47p	3.12p	.01	.13	.33	.43	.46	.46									

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	79	59	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .78 ins.

Total precipitation, midnight to midnight, .79 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 2.6

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 18

Prevailing direction NW

Total movement, 205

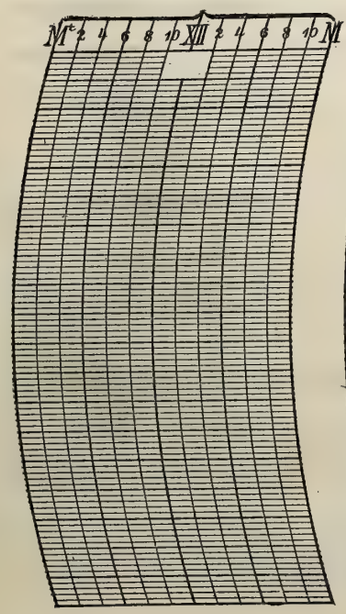
Average hourly velocity, 8.6

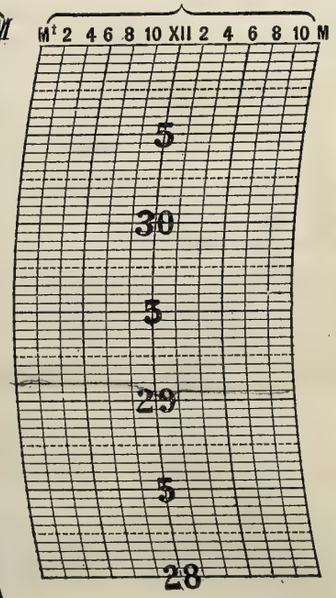
Maximum velocity, 21 Direction, SW Time. 2.00pm.

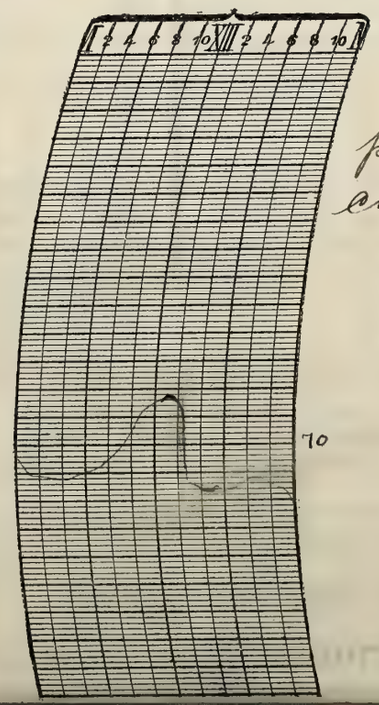
Relative humidity, 75 a. m. 90 p. m.

Reduced barometer, 29.98 a. m. 29.94 p. m.

River gage,







NOTES.

A thunderstorm of severe intensity passed over the station at 2.45 p.m. and continued for 2 hours

Prepared by } H.T.C.
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 17 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	55	54	54	59	61	64	66	68	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	0.9	1.0	0.9
Wind direction	Nw	NW	Nw	NW	NW	NW	N	N	N	N	NW	NW
Wind movement	10	10	9	8	9	9	8	7	8	9	9	10

Sunrise: Time, 4.23 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	72	73	73	72	71	68	67	64	62	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt Cloudy					
Sunshine (in tenths of hours)	0.9	0.9	1.0	1.0	1.0	0.9	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	SW	O	W
Wind movement	10	12	11	9	9	8	6	4	2	1	0	2

Sunset: Time, 7.11 Character, Clear

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	54	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Actual sunshine, hours, 14.4

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 97

Prevailing direction NW

Total movement, 170

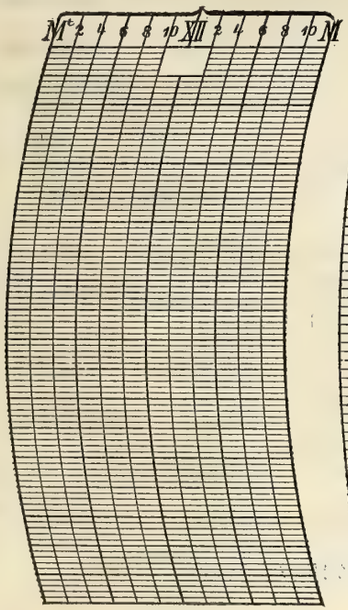
Average hourly velocity, 7.1

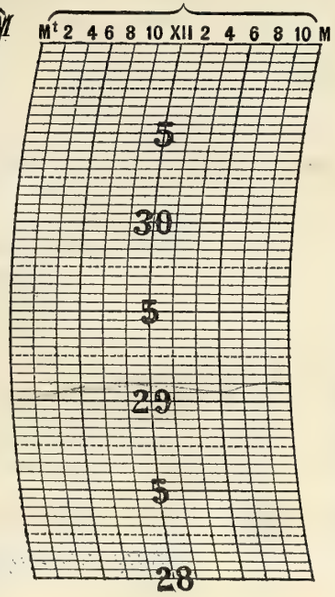
Maximum velocity,	Direction,	Time.
15	NW	1,45 pm.

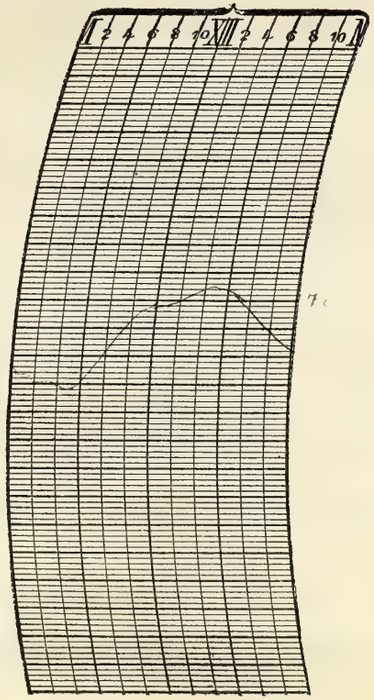
Relative humidity, 73 a. m. 41 p. m.

Reduced barometer, 29.98 a. m. 29.99 p. m.

River gage,







NOTES.

Prepared by
Verified by } HTO

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 18 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	57	58	57	56	60	62	67	72	75	77	79	80	81	83	83	81	79	77	73	72	71	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						—		Pt Cloudy				→		Pt cloudy										
Sunrise: Time, 4.24 Character, Cloudy																					Sunset: Time, 7.10 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.8	0	0	0				
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	S	S	S	S	S	S
Wind movement	4	6	4	3	1	2	8	9	12	8	10	10	9	9	6	8	4	6	6	6	8	9	8	9
Maximum velocities (exceeding 7 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
83	56	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 8 Moon phase, L. Q.

Actual sunshine, hours, 9.9

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 67

Prevailing direction SW

Total movement, 165

Average hourly velocity, 6.9

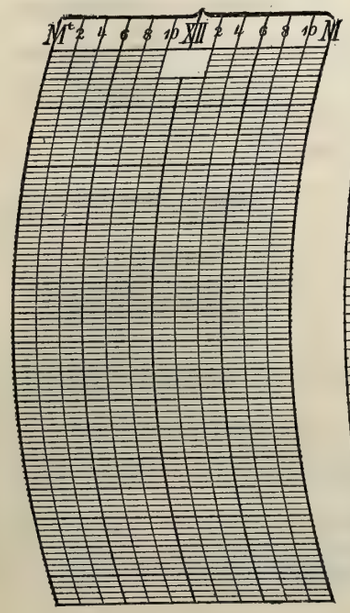
Maximum velocity,	Direction,	Time.
14	SW	10.40 a.m.

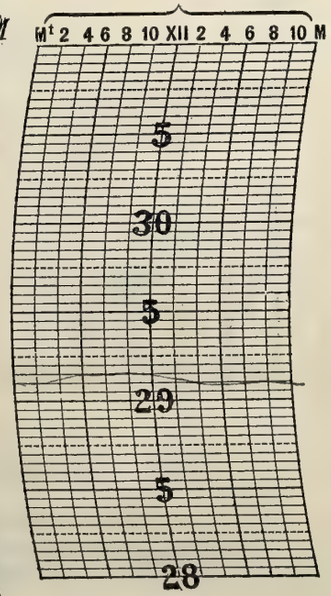
Relative humidity, 60 a. m. 36 p. m.

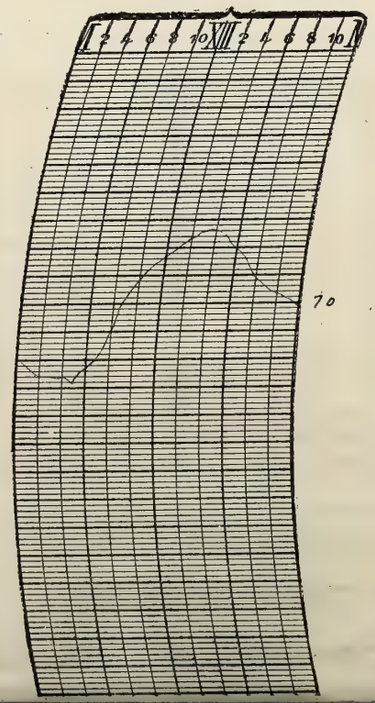
Reduced barometer, 30.06 a. m. 29.98 p. m.

River gage,

NOTES.







Prepared by
Verified by } H. T. C.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday (Date) JUL 19 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	68	66	66	67	67	65	70	74	76	78
State of weather: Nature of precipitation and time of beginning and ending						RB 6.45	RE 7.45					
Amounts of precipitation						T	.05					
Cloudiness and other conditions												
Sunrise: Time, 4.25 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0.4	1.0	0.9	1.0
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	7	8	11	10	9	6	7	10	18	21	21

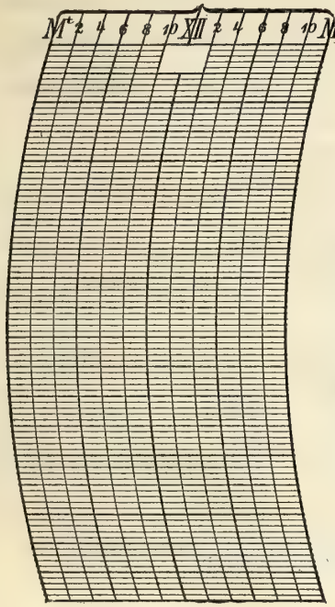
	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	75	73	73	74	74	72	71	70	70	69	69
Sunset: Time, 7.09 Character, Cloudy												
Sunshine (in tenths of hours)	0.2	0	0	0	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW
Wind movement	24	23	19	16	13	12	13	9	8	11	9	5

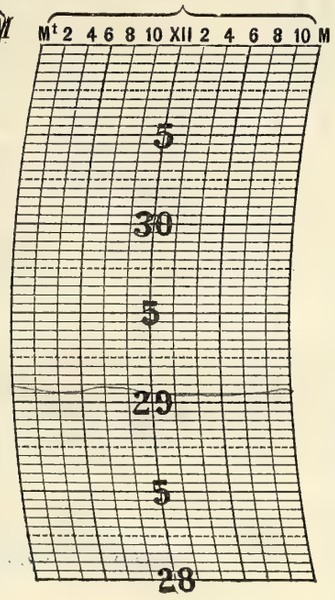
Maximum velocities (exceeding 27 miles)

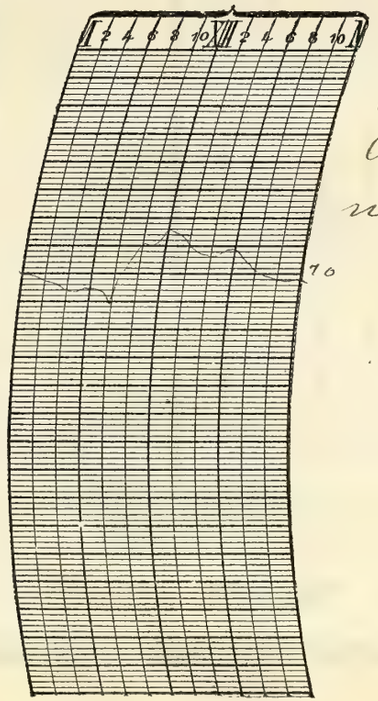
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
Temperature	78	65	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase,
Actual sunshine, hours, 3.5
Possible sunshine, hours, 14.7
Percentage of possible sunshine, 24
Prevailing direction SW
Total movement, 301
Average hourly velocity, 12.6
Maximum velocity, 27 Direction, SW Time, 12.37 p.m.
Relative humidity, 60 a. m. 62 p. m.
Reduced barometer, 29.99 a. m. 29.95 p. m.
River gage,







NOTES.

a light thunderstorm occurred at 8.00 a.m.
a thunderstorm occurred in the vicinity north of the station at 8.00 p.m.

Prepared by
Verified by } H.F.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 20 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	68	67	66	66	65	68	70	71	74	75	77	79	80	82	82	81	80	78	75	74	72	70	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy								Pt Cloudy											
Sunrise: Time, 426 Character, Cloudy																					Sunset: Time, 7.09 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	1.0 0	1.5 0				
Wind direction	W	NW	N	N	0	N	N	NE	NE	NE	NE	NW	W	NW	NW	NW	N	N	N	N	N	N	0	N
Wind movement	3	4	2	2	0	2	5	6	5	5	5	6	7	6	6	7	9	7	5	4	3	1	0	1
Maximum velocities (exceeding 27 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Actual sunshine, hours, 12.4

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 84

Prevailing direction N

Total movement, 103

Average hourly velocity, 4.3

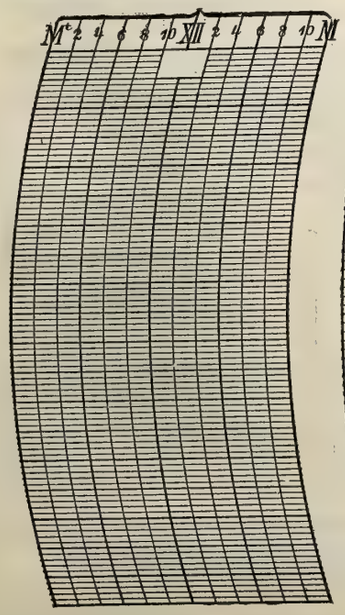
Maximum velocity,	Direction,	Time.
9	N	5.10 p m

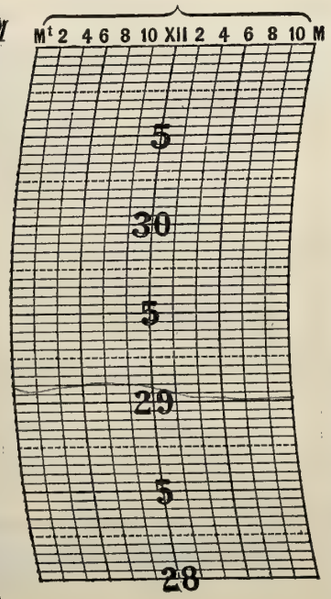
Relative humidity, 67 a. m. 50 p. m.

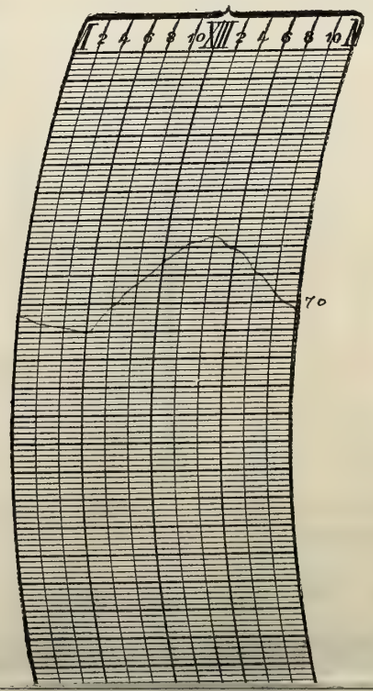
Reduced barometer, 30.01 a. m. 29.89 p. m.

River gage,

NOTES.







Prepared by
Verified by } H. T. C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 21 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	64	62	63	63	64	68	71	76	82	83	83	83	82	81	80	77	76	72	66	65	64	63	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear								Pt Cloudy											
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	SW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	4	5	6	5	7	7	10	7	5	8	11	13	16	16	16	15	17	15	13	8	7	6	3	4
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 427; Character, Clear

Sunset: Time, 708; Character, Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	Minimum.	Mean.	Normal.
83	59	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 14.6

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 99

Prevailing direction NW

Total movement, 224

Average hourly velocity, 9.3

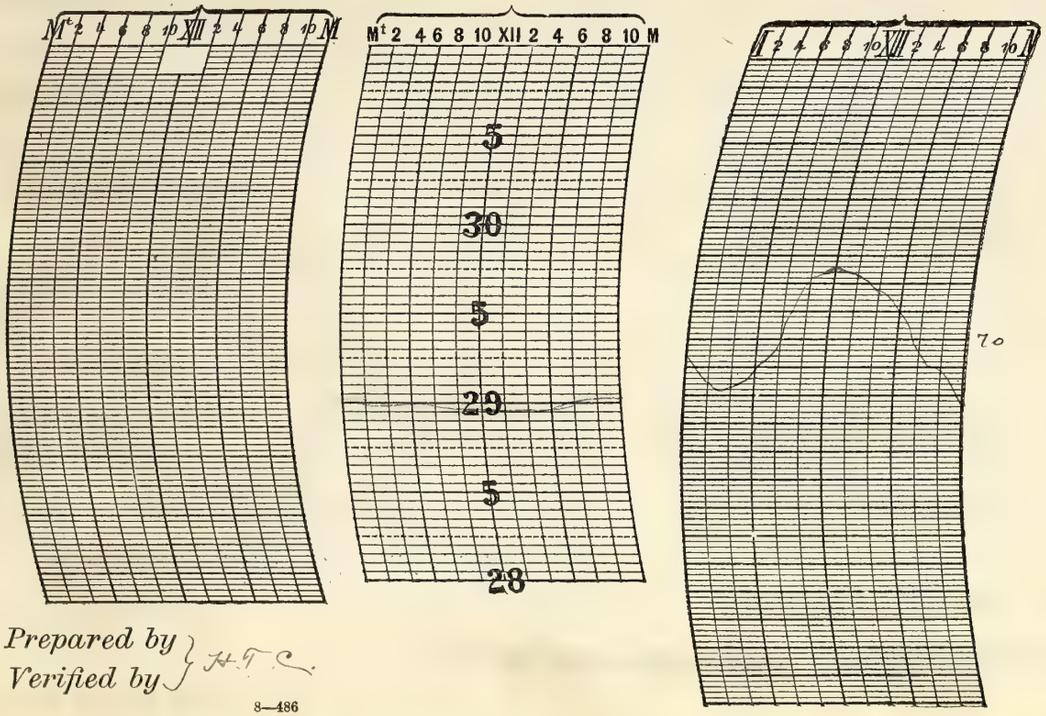
Maximum velocity, 20 Direction, NW Time. 4:16 p m

Relative humidity, 82 a. m. 44 p. m.

Reduced barometer, 29.87 a. m. 29.89 p. m.

River gage,

NOTES.



Prepared by } H. T. C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 22 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	58	57	55	54	57	63	67	70	73	75	76	78	78	80	79	78	76	73	71	70	66	64	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Pt Cloudy									
Sunrise: Time, 7.27 Character, Clear																					Sunset: Time, 7.07 Character, Cloudy			
Sunshine (in tenths of hours)					55 0	10 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0	0				
Wind direction	W	W	NW	W	W	W	NW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	0
Wind movement	5	4	4	4	5	3	5	7	8	10	11	11	11	12	11	12	13	11	8	5	2	1	2	0
Maximum velocities (exceeding 79 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	54	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 22 Moon phase,

Actual sunshine, hours, 13.0

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 88

Prevailing direction NW

Total movement, 165

Average hourly velocity, 6.9

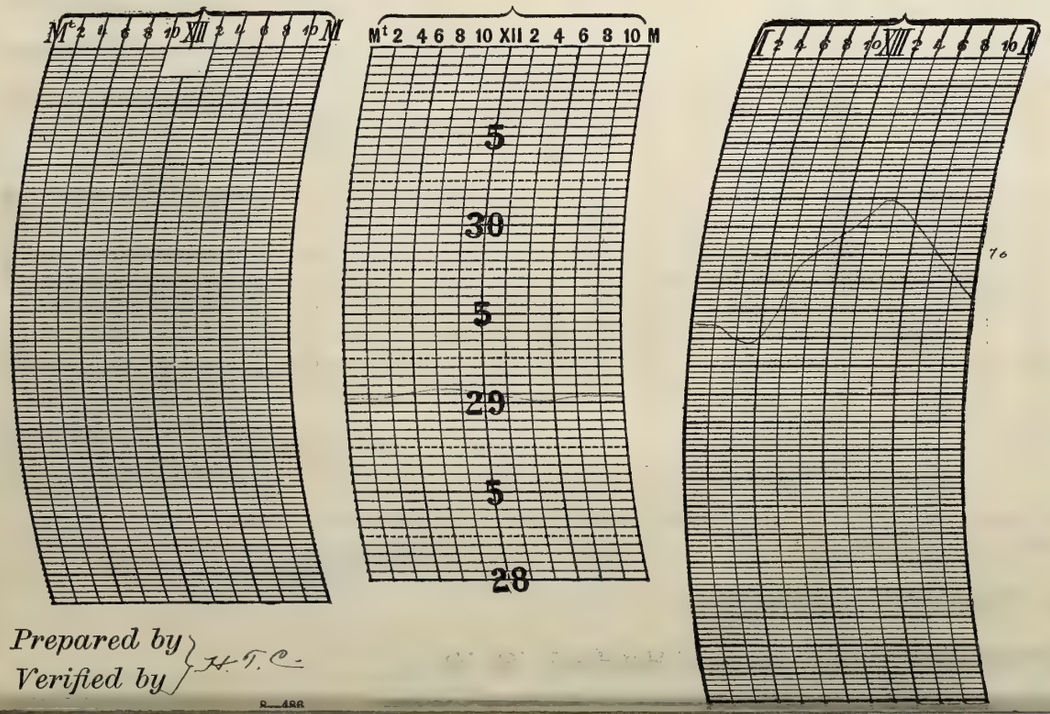
Maximum velocity,	Direction,	Time.
16	NW	5.00 pm.

Relative humidity, 58 a. m. 43 p. m.

Reduced barometer, 29.99 a. m. 29.93 p. m.

River gage,

NOTES.



Prepared by
Verified by } H. T. C.

Form No. 1012—Met f.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 23 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	60	57	60	61	61	64	70	73	73	74	75
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 4.28 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0.2	1.0	0.3	0	0	0
Wind direction	W	W	W	E	NE	SE	SE	SE	SE	SE	SE	SE
Wind movement	1	1	1	3	3	4	5	7	9	8	7	7

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	76	72	72	70	65	63	61	62	68	68	69
Nature of precipitation and time of beginning and ending	RB 12.25								RE 8.50		RB 10.38	RE 11.10
Amounts of precipitation	T	T	.02	.01	.01	.30	.12	.15	.01		.23	T
Cloudiness and other conditions			Cloudy									
Sunset: Time, 7.06 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	SE	S	S	SE	SE	SE	SE	SE	S	SW	SW	SW
Wind movement	8	10	7	6	6	8	8	7	9	14	14	17

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	77	57	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .46 ins.

Total precipitation, midnight to midnight, .85 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 1.5

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 10

Prevailing direction, SE

Total movement, 170

Average hourly velocity, 7.1

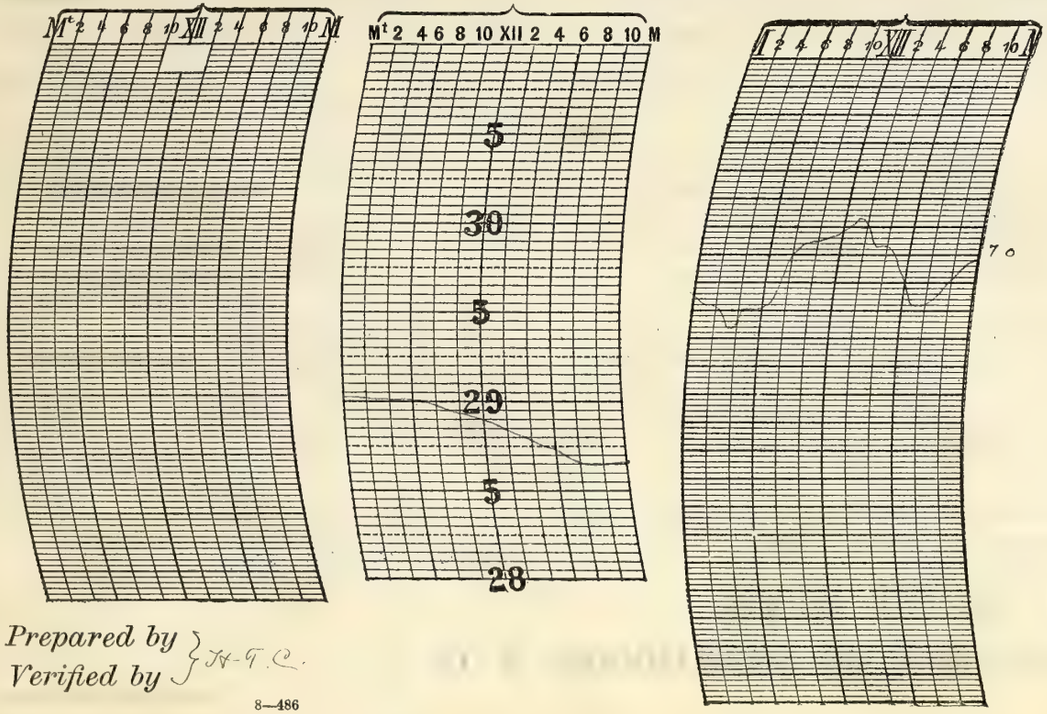
Maximum velocity,	Direction,	Time.
24	SW	10.50 pm.

Relative humidity, 58 a. m. 100 p. m.

Reduced barometer, 29.91 a. m. 29.58 p. m.

River gage,

NOTES.



Prepared by
Verified by } J.A.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 24 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	67	61	60	60	59	59	60	61	64	65	67
Nature of precipitation and time of beginning and ending	RB DN	RE DN										
Amounts of precipitation	T	.01										
Cloudiness and other conditions								Pt Cloudy				
Sunshine (in tenths of hours)					0	0	0	0.7	1.0	1.0	0.9	1.0
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	20	25	21	20	18	22	20	21	22	24	24
Maximum velocities (exceeding 29 miles)			33 W 2.16	30 W 3.40							30 W 10.30	

Sunrise: Time, 4.29; Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69 68	68	68	51	59	60	60	56	55	56	55	52
Nature of precipitation and time of beginning and ending				RB 3.30	RE 4.15							
Amounts of precipitation				T	.01							
Cloudiness and other conditions				Pt Cloudy								
Sunshine (in tenths of hours)	1.0	0.9	0.5	0.4	0.4	0	0	0				
Wind direction	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	25	25	26	24	22	19	20	15	12	13	13	13
Maximum velocities (exceeding 29 miles)	30 W 12.50			39 W 3.34	38 W 4.10		30 SW 7.00					

Sunset: Time, 7.05; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
71	51	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .40 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Pt Cldy Moon phase,

Actual sunshine, hours, 7.9

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 54

Prevailing direction W

Total movement, 480

Average hourly velocity, 20.0

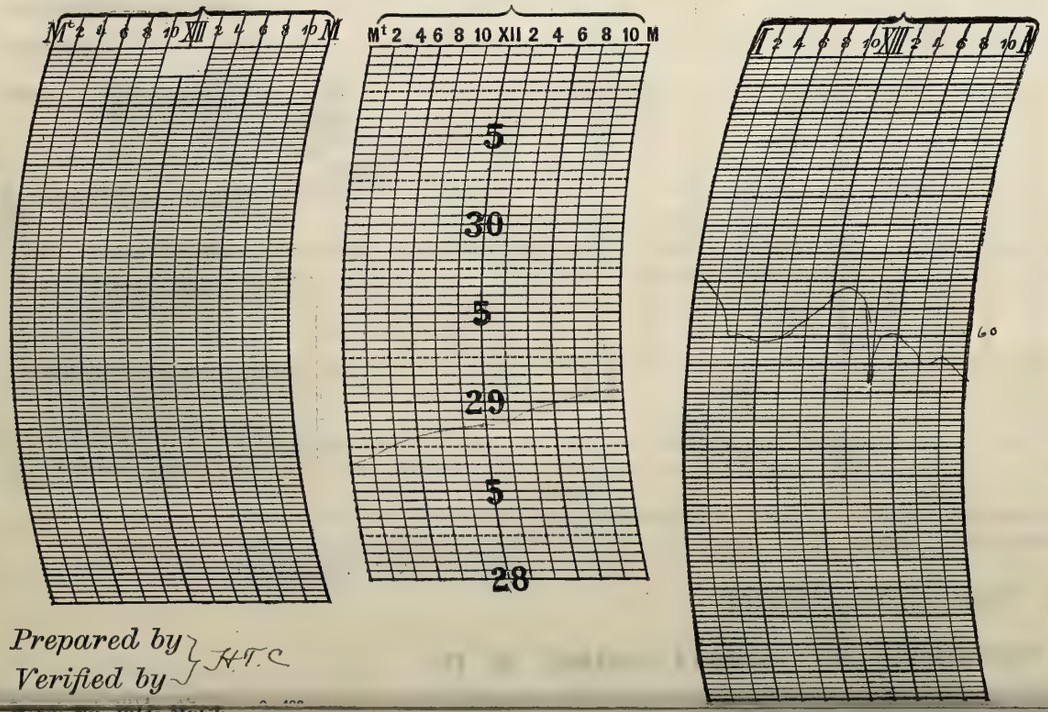
Maximum velocity,	Direction,	Time.
39	W	3.34 pm

Relative humidity, 66 a. m. 61 p. m.

Reduced barometer, 29.74 a. m. 29.91 p. m.

River gage,

NOTES.



Prepared by } H.T.C
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 25 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	54	51	50	49	52	55	60	64	65	67	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt Cloudy					
Sunshine (in tenths of hours)					.50 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	0.2
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	11	10	9	10	11	11	12	16	17	17	16

Sunrise: Time, 430 Character, Clear

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	63	65	63	63	62	61	58	57	56	55	54
Nature of precipitation and time of beginning and ending		RB 1.15	RE 2.04	RB 3.02 RE 3.24								
Amounts of precipitation		T	01	03								
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	0.4	0.1	0.3	0.1	0	0	0	0				
Wind direction	W	W	W	NW	W	W	W	SW	SW	SW	W	W
Wind movement	13	13	9	12	8	9	4	7	8	6	5	5

Sunset: Time, 704 Character, Cloudy

Maximum velocities (exceeding ~~27~~ miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
68	49	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase, N.M.

Actual sunshine, hours, ~~7.3~~ 7.6

Possible sunshine, hours, 14.6

Percentage of possible sunshine, ~~49~~ 52

Prevailing direction SW

Total movement, 252

Average hourly velocity, 10.5

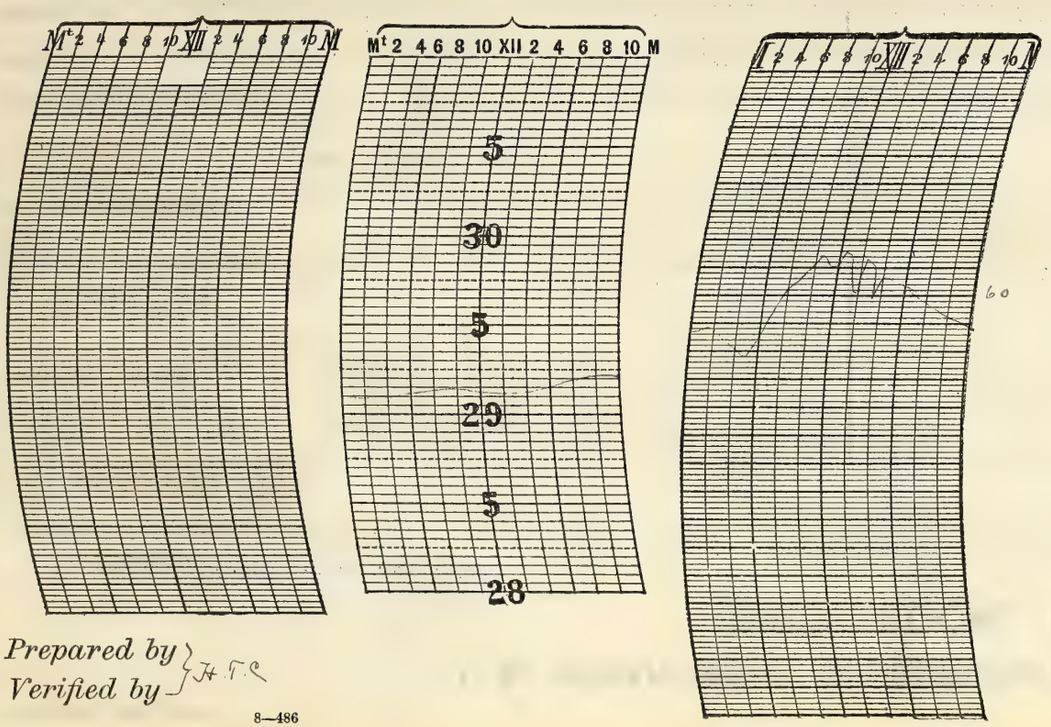
Maximum velocity,	Direction,	Time.
20	SW	9.30 pm

Relative humidity, 75 a. m. 77 p. m.

Reduced barometer, 30.02 a. m. 30.04 p. m.

River gage,

NOTES.



Prepared by
Verified by } J.H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 26 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	52	52	51	50	51	56	61	65	66	68	70	71	72	73	71	71	70	69	66	65	65	63	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt Cloudy								Cldy			Pt Cldy								
Sunrise: Time, 4.31 Character, Clear																					Sunset: Time, 7.03 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	0.9	0.8	1.0	1.0	1.0	0.5	0.1	0	0	0	0				
Wind direction	NW	NW	NW	NW	NW	W	SW	NW	NW	N	NW	NW	N	NW	NW	N	NE	NE	NE	SE	SE	W	S	S
Wind movement	5	5	4	4	2	2	3	4	5	6	6	7	8	6	5	5	3	4	2	1	2	1	2	3
Maximum velocities (exceeding 17 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	50	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Actual sunshine, hours, 9.7

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 67

Prevailing direction, NW

Total movement, 95

Average hourly velocity, 4.0

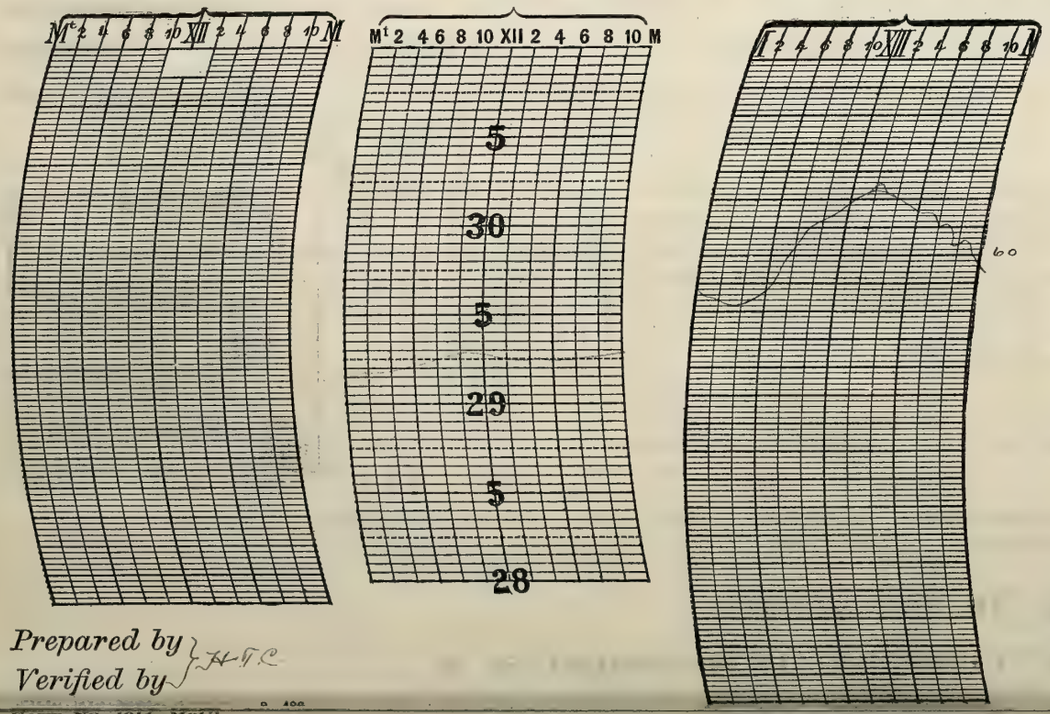
Maximum velocity, 10 Direction, NW Time, 9.50 a.m.

Relative humidity, 85 a. m. 51 p. m.

Reduced barometer, 30.19 a. m. 30.18 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 27 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	58	57	55	57	64	68	72	73	75	76	77	78	79	79	78	78	77	74	72	70	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	1.0	0.2	0	0				
Wind direction	S	S	S	S	SE	S	SE	S	S	S	SE	SE	SE	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	4	2	1	3	1	2	1	3	6	6	6	5	7	7	7	6	5	5	6	4	4	3	4	1
Maximum velocities (exceeding 7 miles)							1																	

Sunrise: Time, 7.32; Character, Clear

Sunset: Time, 7.03; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	79	55	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 12.5

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 86

Prevailing direction SE

Total movement, 99

Average hourly velocity, 4.1

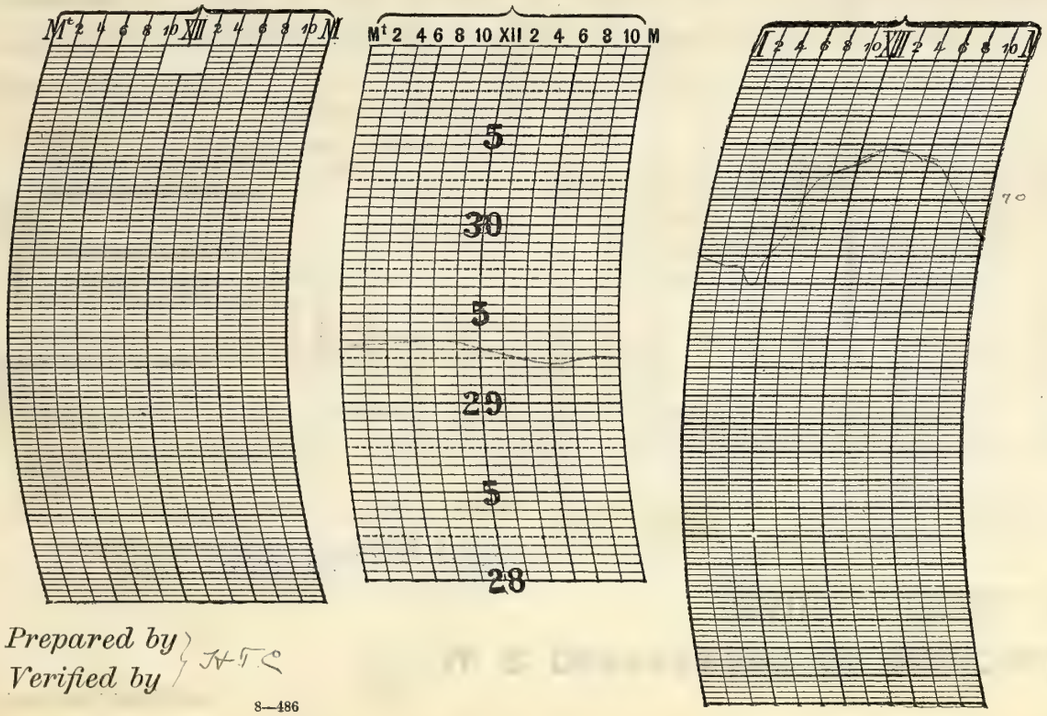
Maximum velocity,	Direction,	Time.
10	S	1.33 p.m.

Relative humidity, 56 a. m. 35 p. m.

Reduced barometer, 30.26 a. m. 30.13 p. m.

River gage,

NOTES.



Prepared by
Verified by } HTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 28 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	59	59	58	59	67	71	76	80	82	84	85	83	82	81	80	80	77	77	76	75	73	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear								Cloudy											
Sunshine (in tenths of hours)	Sunrise: Time, 4.33; Character, Clear				45 0	1.0 0	0.8 0.2	1.0	1.0	0.8	1.0	1.0	1.0	0.8	0	0	0	0	0	0	Sunset: Time, 7.02; Character, Cloudy			
Wind direction	E	E	E	SE	E	SE	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	S	S	S	S	SW	SW	S
Wind movement	4	4	2	2	3	2	4	8	10	9	12	15	12	12	9	8	5	4	6	7	8	7	5	8
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	58	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt cloudy Moon phase,

Actual sunshine, hours, 9.0

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 62

Prevailing direction SW

Total movement, 166

Average hourly velocity, 6.9

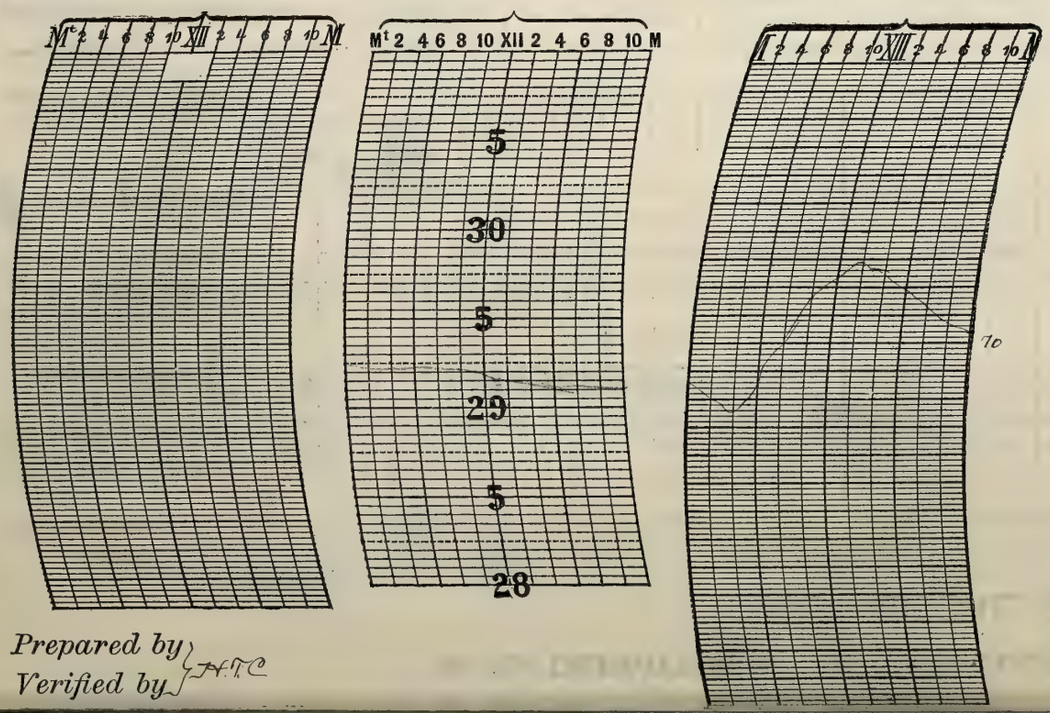
Maximum velocity,	Direction,	Time.
16	SW	1.17 pm

Relative humidity, 52 a. m. 46 p. m.

Reduced barometer, 30.11 a. m. 30.02 p. m.

River gage,

NOTES.



Prepared by
Verified by HTC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 29 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	70	70	68	67	68	66	65	66	66	68	67
					RB 10.N.				RE 9.30			
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation					T	01	01	02	01			
Cloudiness and other conditions					—		cloudy					
Sunrise: Time, Character,	4.34 cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	S	W	S	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	4	3	5	7	7	8	9	10	10	12	14
Maximum velocities (exceeding 27 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	70	73	75	75	74	74	69	67	65	64	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					— cloudy x Pt cloudy —							
Sunset: Time, Character,									7.01 cloudy			
Sunshine (in tenths of hours)	0	0.4	1.0	0.4	0.1	0.4	0	0				
Wind direction	SW	SW	SW	SW	SW	S	S	S	SW	SW	SW	SW
Wind movement	15	13	12	10	11	8	9	8	7	6	6	4
Maximum velocities (exceeding miles)												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
75	63	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy; Moon phase,

Actual sunshine, hours, 2.3

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 16

Prevailing direction SW

Total movement, 205

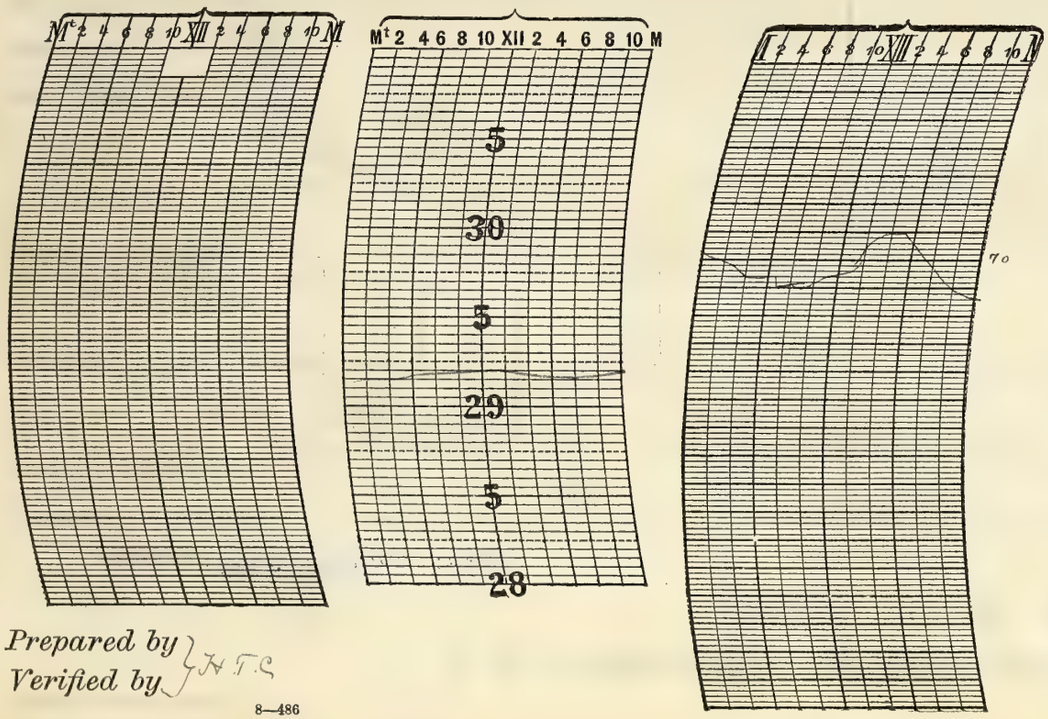
Average hourly velocity, 8.5

Maximum velocity,	Direction,	Time.
19	SW	1.00 p.m.

Relative humidity, 80 a. m. 65 p. m.

Reduced barometer, 30.08 a. m. 30.06 p. m.

River gage,



NOTES.

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 30 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	61	62	63	63	64	65	67	69	74	77	78	81	82	83	85	85	84	83	80	78	75	75	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy →					Pt. cldy				Pt. Cloudy Clear									
Sunshine (in tenths of hours)					0	0	0	0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	1.0 0	0				
Wind direction	SW	S	S	SW	SW	S	S	SW	SW	SW	SW	SW	SW	S	SW	W	W	SW	W	W	SW	SW	SW	SW
Wind movement	3	5	6	5	4	3	5	5	6	6	7	7	6	6	5	6	6	4	1	1	2	1	3	6
Maximum velocities (exceeding 29 miles)																								

Sunrise: Time, 4.35; Character, Cloudy

Sunset: Time, 7.00; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	61	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 3. Moon phase,

Actual sunshine, hours, 9.9

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 69

Prevailing direction SW

Total movement, 109

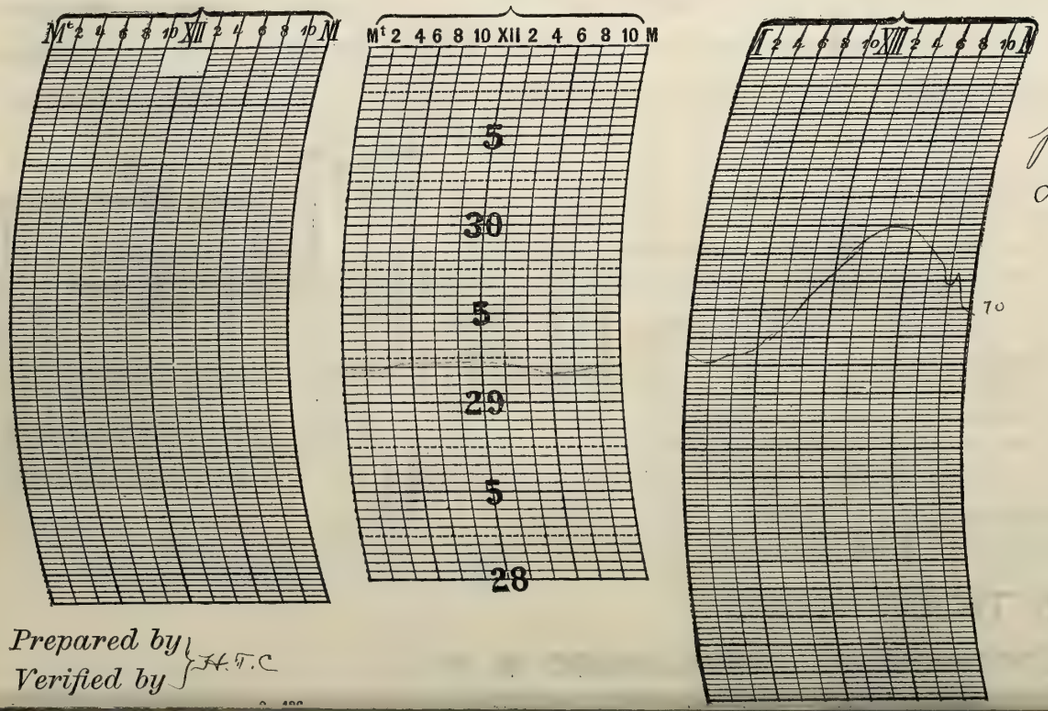
Average hourly velocity, 4.5

Maximum velocity,	Direction,	Time.
10	SW	12.10 pm.

Relative humidity, 97 a. m. 44 p. m.

Reduced barometer, 30.14 a. m. 30.06 p. m.

River gage,



NOTES.

Light fog which began during the night prevailed during the morning and lifted at 7.30 a.m.

Prepared by
Verified by J.H.T.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 31 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	69	68	68	66	66	71	74	78	80	83	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunrise: Time, 4.36 Character, Clear												
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	0.4
Wind direction	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	4	4	2	5	4	3	3	3	6	7	7	7

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	85	87	88	88	87	84	82	79	77	76	75	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunset: Time, 6.57 Character, Clear												
Sunshine (in tenths of hours)	0.8	0.7	1.0	1.0	1.0	0.2	0					
Wind direction	SE	S	S	S	S	S	S	S	S	S	S	S
Wind movement	7	8	10	12	11	9	9	7	7	6	9	10

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	88	66	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 1, Moon phase,

Actual sunshine, hours, 13.3

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 92

Prevailing direction S

Total movement, 160

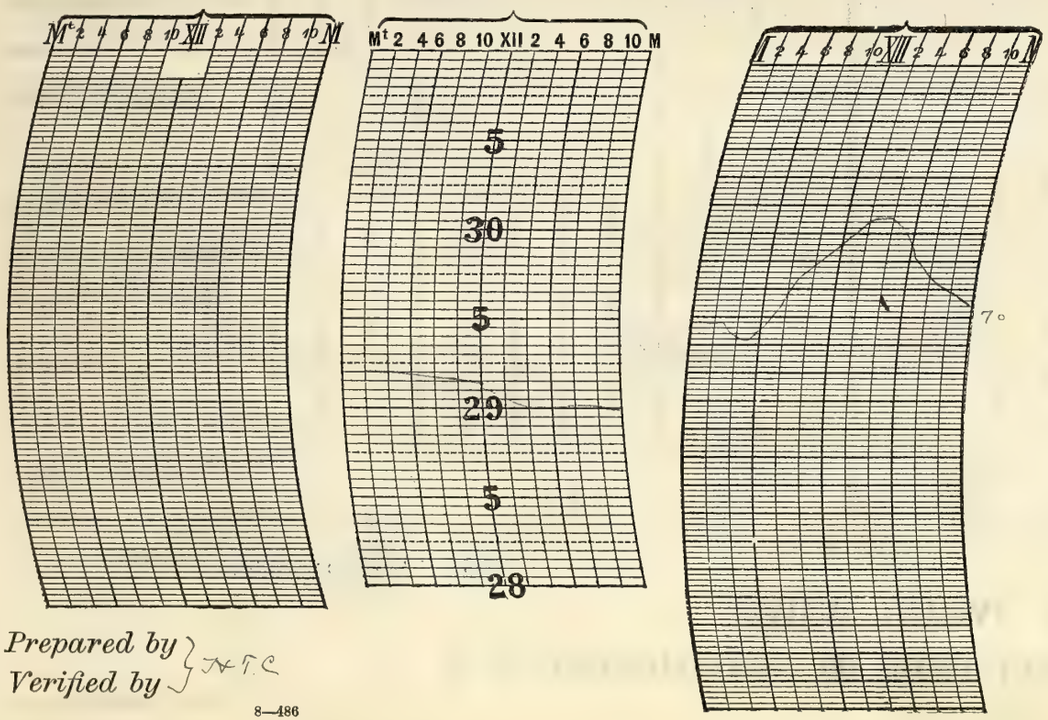
Average hourly velocity, 6.7

Maximum velocity,	Direction,	Time.
15	SW	3.20 p

Relative humidity, 76 a. m. 52 p. m.

Reduced barometer, 30.06 a. m. 29.90 p. m.

River gage,



NOTES.

Prepared by
Verified by } JWTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 1 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	71	71	70	69	69	72	73	72	70	74	75
State of weather: Nature of precipitation and time of beginning and ending								RB 8.25	RE 9.50			
Amounts of precipitation								T	.33			
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 4.37 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	.04	.03
Wind direction	S	S	S	SE	SE	SE	S	S	S	S	S	S
Wind movement	9	11	8	8	7	10	10	13	10	9	13	18
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77 (80)	78	71 (69)	77	78	76	75	74	73	72	72	71
State of weather: Nature of precipitation and time of beginning and ending			RB 2.04 RE 3.00									
Amounts of precipitation			.18									
Cloudiness and other conditions			Cloudy									
Sunset: Time, 6.57 Character, Cloudy												
Sunshine (in tenths of hours)	.02	.07	0	.08	1.0	.02	0					
Wind direction	SW	SW	SW	SW	S	S	SE	SE	S	S	S	SW
Wind movement	15	15	13	8	10	8	7	9	8	10	9	9
Maximum velocities (exceeding 29 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	69	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .51 ins.

Total precipitation, midnight to midnight, .51 inches.

Character of day, Cloudy, Moon phase, F. Q.

Actual sunshine, hours, 3.8

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 27

Prevailing direction S

Total movement, 247

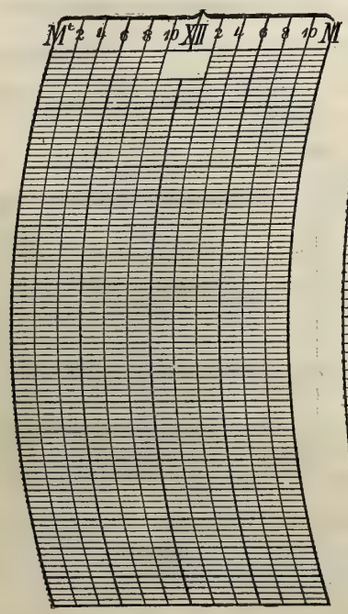
Average hourly velocity, 10.3

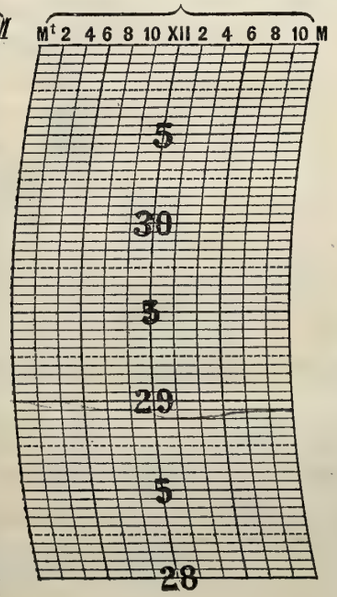
Maximum velocity,	Direction,	Time.
19	S	11.25 a.m.

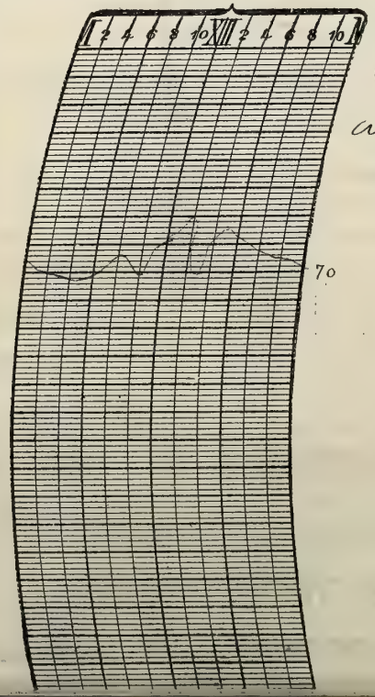
Relative humidity, 79 a. m. 84 p. m.

Reduced barometer, 29.85 a. m. 29.83 p. m.

River gage,







NOTES.

A light thunderstorm occurred at 3.00 p.m. and in the vicinity of the station at 8.00 p.m.

Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 2 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	69	68	67	66	66	67	70	73	75	76	78
State of weather: Nature of precipitation and time of beginning and ending				RB DN RE DN								
Amounts of precipitation				T								
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 4.38; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0.1	0.6	0.9	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW
Wind movement	5	5	6	7	6	5	6	4	6	6	7	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	80	80	80	79	77	75	74	72	71	70	69	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cloudy							
Sunset: Time, 6.56; Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0	0	0					
Wind direction	SW	SW	W	W	W	NW	NW	NW	N	N	NE	NE
Wind movement	9	12	12	11	8	6	3	5	6	5	4	4

Maximum velocities (exceeding 27 miles)

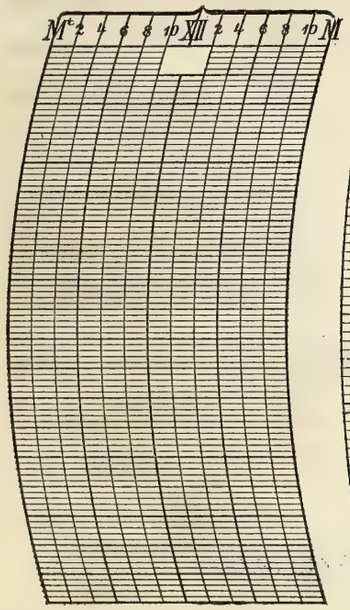
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

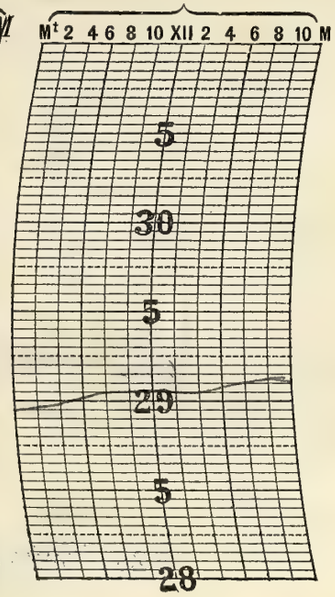
	Maximum.	Minimum.	Mean.	Normal.
	80	66	73	

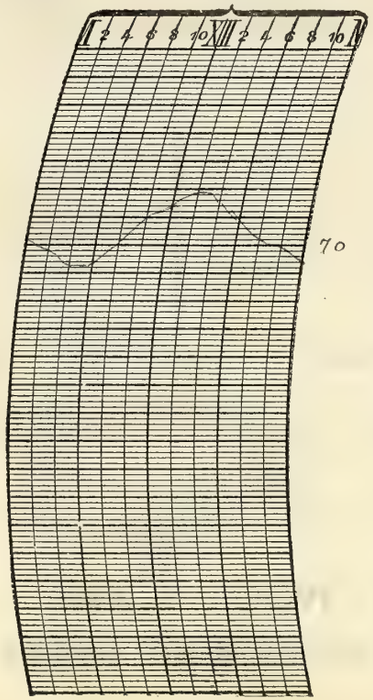
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy, 6 Moon phase,
Actual sunshine, hours, 7.0
Possible sunshine, hours, 14.3
Percentage of possible sunshine, 49
Prevailing direction SW
Total movement, 156
Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
15	SW	1.41 pm

Relative humidity, 94 a. m. 62 p. m.
Reduced barometer, 29.95 a. m. 29.90 p. m.
River gage,







NOTES.

Prepared by } H.T.C
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 3 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	66	65	63	65	66	67	72	74	75	76	78
State of weather: Nature of precipitation and time of beginning and ending				RB DN RE DN								
Amounts of precipitation				.01								
Cloudiness and other conditions						Pt Cloudy						
Sunrise: Time, Character,	4.39 Cloudy											
Sunshine (in tenths of hours)					0	0	0.2	0.8	0	0.3	0.1	1.0
Wind direction	NE	N	NE	NE	NE	NE	E	E	E	S	SW	SW
Wind movement	4	5	5	5	3	5	3	3	2	3	5	4
Maximum velocities (exceeding 25 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	82	83	84	84	80	78	76	75	72	72	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								
Sunset: Time, Character,									6.55 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	SW	W	SW	W	W	E	E	SE	SE	SE	SE	SE
Wind movement	6	5	6	5	3	3	5	5	5	7	6	5
Maximum velocities (exceeding 25 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	63	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy, 5 Moon phase,

Actual sunshine, hours, 8.2

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 57

Prevailing direction NE, E, SE

Total movement, 108

Average hourly velocity, 4.5

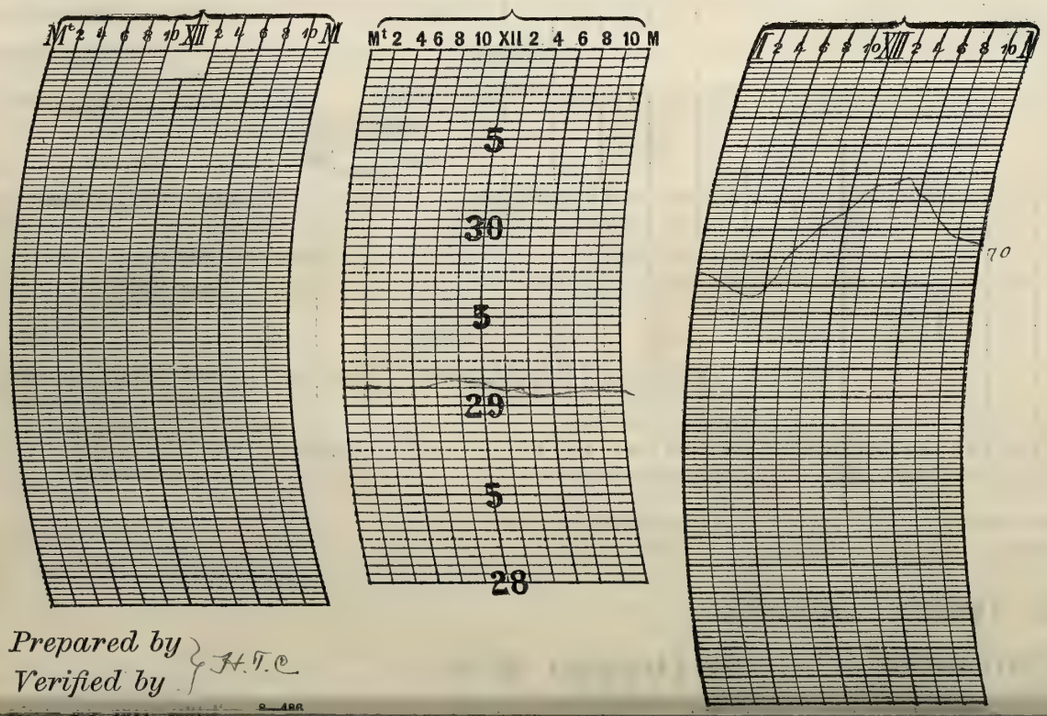
Maximum velocity,	Direction,	Time.
9	SE	9.40 pm.

Relative humidity, 69 a. m. 59 p. m.

Reduced barometer, 29.302 a. m. 29.98 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 4 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	70	69	68	67	68	72	77	80	75	74	77
									RB 9.40	RE 10.15		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation									T	.01		
Cloudiness and other conditions									Pt Cloudy			
Sunrise: Time, Character,	4.40 Cloudy											
Sunshine (in tenths of hours)					0	0	0.1	0.4	0.7	0.3	0	0.7
Wind direction	SE	S	S	S	S	S	S	S	S	SW	S	SE
Wind movement	7	6	5	6	7	6	5	6	8	10	7	5
Maximum velocities (exceeding ---- miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	78	80	81	84	82	80	78	76	75	74	73	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy											
Sunset: Time, Character,									6.54 Cloudy			
Sunshine (in tenths of hours)	0.5	1.0	0.8	1.0	1.0	0	0					
Wind direction	SE	S	S	S	S	S	S	S	S	SW	S	SW
Wind movement	8	10	6	8	6	7	6	9	7	7	4	5
Maximum velocities (exceeding ---- miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	67	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy 7 Moon phase,

Actual sunshine, hours, 6.5

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 46

Prevailing direction S

Total movement, 161

Average hourly velocity, 6.7

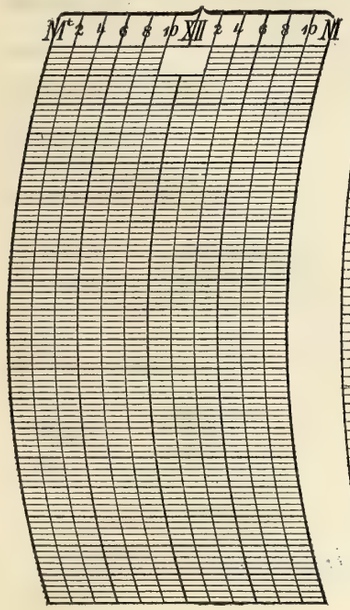
Maximum velocity,	Direction,	Time.
15	SW	9.40 pm.

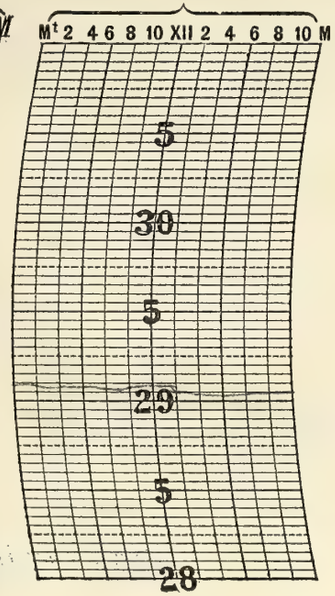
Relative humidity, 75 a. m. 73 p. m.

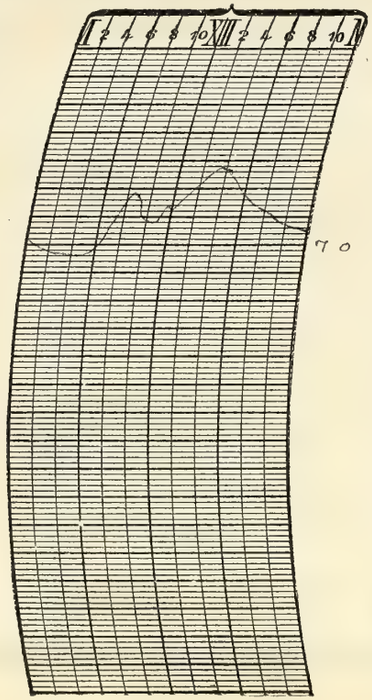
Reduced barometer, 29.98 a. m. 29.92 p. m.

River gage,

NOTES.







Prepared by
Verified by } J.H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 5 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	72	71	70	71	75	79	82	83	84	85	86	87	88	87	83	80	79	76	75	73	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt Cloudy						Pt Cloudy										
	Sunrise: Time, 441 Character, Cloudy																				Sunset: Time, 6.53 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.2	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.8	0	0					
Wind direction	SW	SW	SW	SW	SW	S	SE	S	E	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	N	W	N	NW
Wind movement	5	3	2	2	1	2	1	2	3	4	6	6	9	9	7	7	11	10	7	7	5	2	3	3
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
88	70	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy, 5 Moon phase,

Actual sunshine, hours, 8.6

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 61

Prevailing direction SW

Total movement, 117

Average hourly velocity, 4.9

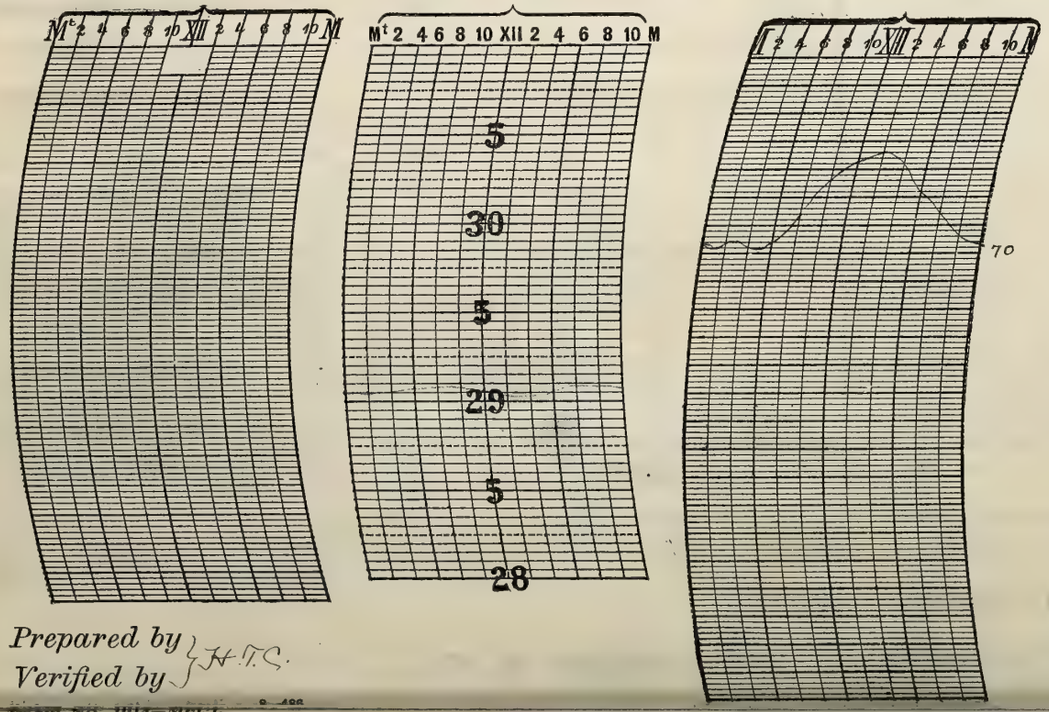
Maximum velocity,	Direction,	Time.
16	SW	4.25 pm

Relative humidity, 74 a. m. 60 p. m.

Reduced barometer, ~~30.22~~ 29.79 a. m. 29.94 p. m.

River gage,

NOTES.



Prepared by } H.T.S.
Verified by }

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 6 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	69	68	67	67	71	74	79	84	88	89	90	91	92	91	91	90	89	86	84	83	79	78	75
State of weather: Nature of precipitation and time of beginning and ending																					RB 8.53	RE 9.40		
Amounts of precipitation																					T	.14		
Cloudiness and other conditions									Clear					Clear										
Sunshine (in tenths of hours)					.30 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.87 0					
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	S	SW	S	N	NE	NE	E	E	NE	SE	S	N	NE	SE
Wind movement	2	1	2	5	2	2	2	5	3	2	4	5	5	2	6	4	4	3	4	3	1	11	6	4

Sunrise: Time, 4.42; Character, Clear

Sunset: Time, 6.52; Character, Clear

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	Minimum.	Mean.	Normal.
92	67	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, Clear 1. Moon phase,

Actual sunshine, hours, 14.1

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 99

Prevailing direction N

Total movement, 88

Average hourly velocity, 3.7

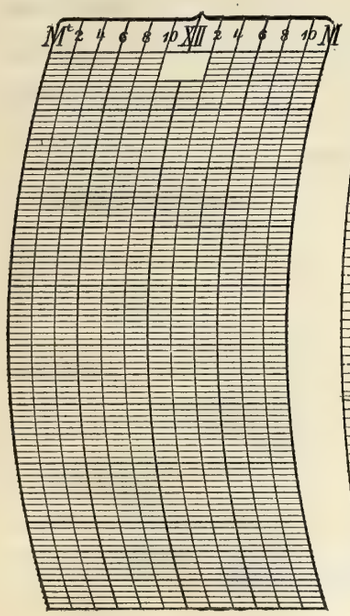
Maximum velocity, 22 — Direction, W — Time. 9.15 p m.

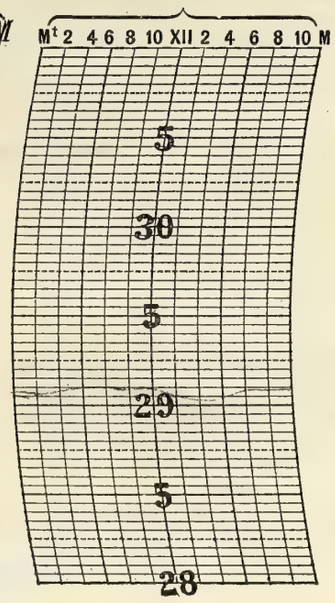
Relative humidity, 68 a. m. 48 p. m.

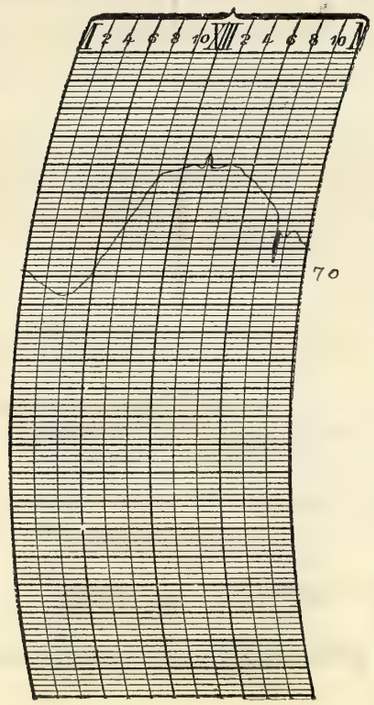
Reduced barometer, 30.02 a. m. 29.92 p. m.

River gage,

NOTES.







Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 7 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	72	73	71	70	73	75	79	81	83	85	86	87	80	79	82	87	86	82	79	78	77	76	75
State of weather: Nature of precipitation and time of beginning and ending														RB	RE									
Amounts of precipitation														2.35	3.20									
Cloudiness and other conditions								Pt Cloudy						.02	.11	Pt Cloudy								
Sunshine (in tenths of hours)					0	0	0.5	0.9	0.5	1.0	0.8	1.0	1.0	0.1	0.6	1.0	1.0	0.2 .85 0.8	0					
Wind direction	SW	NE	SE	SE	S	S	SW	SW	SW	SW	S	S	S	SW	SE	E	SE	SW	SW	SW	SW	SW	SW	SW
Wind movement	1	2	1	3	5	8	8	9	10	10	12	13	13	11	9	6	4	6	9	8	8	9	11	12
Maximum velocities (exceeding 29 miles)																								

Sunrise: Time, 4.43; Character, Cloudy

Sunset: Time, 6.57; Character, clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
87	70	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .13 ins.

Total precipitation, midnight to midnight, .13 inches.

Character of day, Pt Cloudy, 5 Moon phase,

Actual sunshine, hours, 10.2

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 72

Prevailing direction SW

Total movement, 188

Average hourly velocity, 78

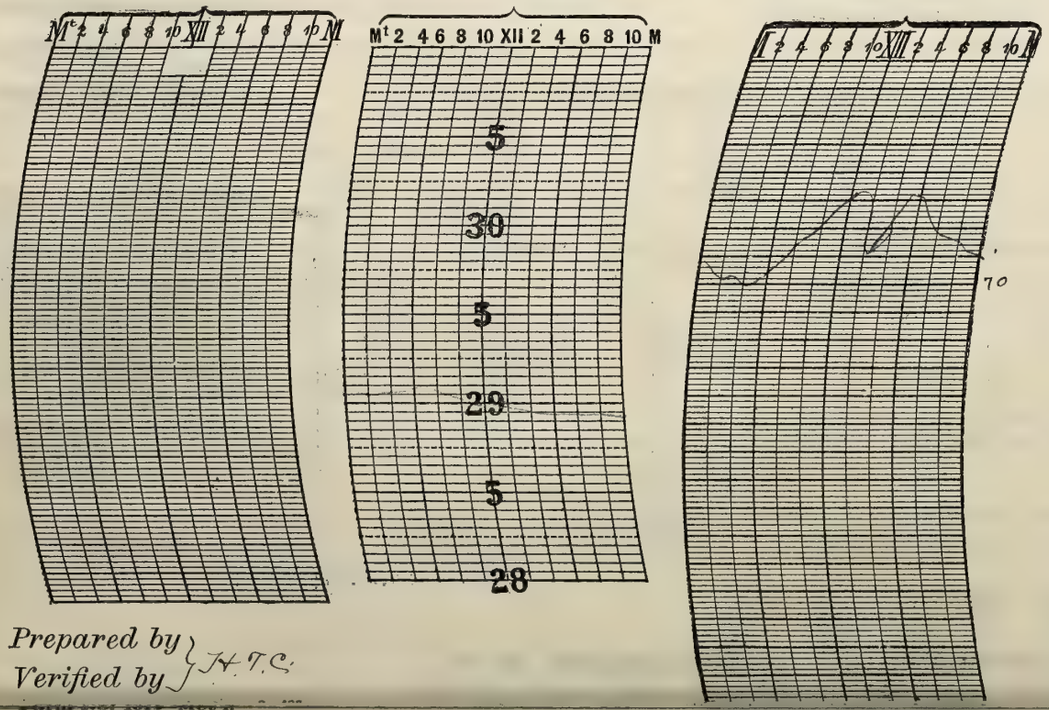
Maximum velocity,	Direction,	Time.
18	SW	2.02 pm

Relative humidity, 81 a. m. 55 p. m.

Reduced barometer, 29.98 a. m. 29.83 p. m.

River gage,

NOTES.



Prepared by
Verified by } J.H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 8 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	74	73	73	72	71	71	75	76	78	80	82	84
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					—		Clear		—			
Sunrise: Time, 444; Character, Clear												
Sunshine (in tenths of hours)					.27 0	.10 0	.08 0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	10	9	8	7	8	9	8	10	11	10	13	13
Maximum velocities (exceeding 9 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	84	83	84	83	81	79	76	73	71	70	67	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			—	Clear			—					
Sunset: Time, 649; Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.1 0.9	.82 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	SW
Wind movement	16	15	14	15	14	11	8	7	5	2	2	3

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	84	66	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 0, Moon phase,

Actual sunshine, hours, 14.1

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 100

Prevailing direction NW

Total movement, 228

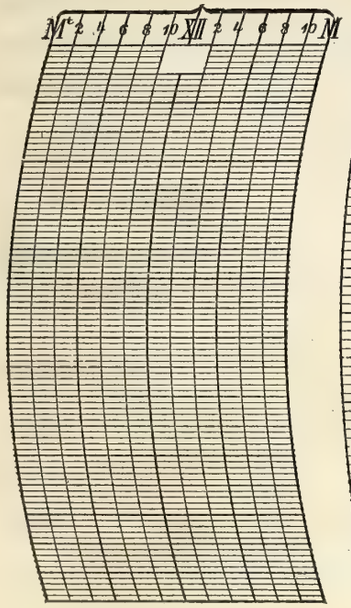
Average hourly velocity, 9.5

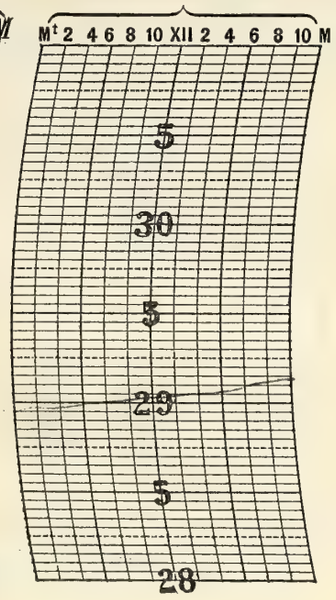
Maximum velocity,	Direction,	Time.
19	NW	4.09 p.m.

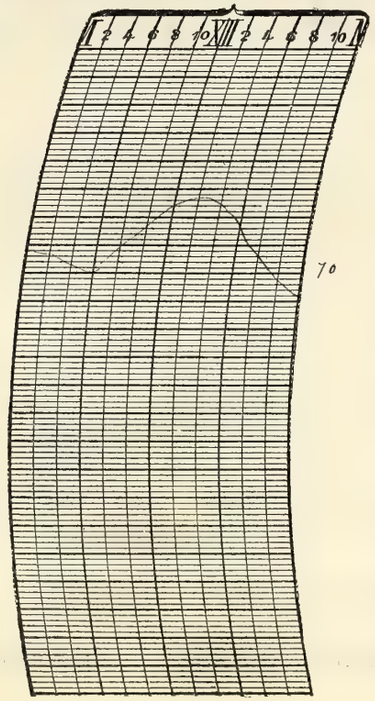
Relative humidity, 79 a. m. 52 p. m.

Reduced barometer, 29.88 a. m. 29.94 p. m.

River gage,







NOTES.

Prepared by } J.H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 9 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	63	63	62	62	69	71	75	78	84	86	88	90	91	91	90	88	85	80	80	75	76	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—		Clear					—	—		Clear		→	Pt Cloudy						
	Sunrise: Time, 444; Character, Clear																				Sunset: Time, 648; Character, Cloudy			
Sunshine (in tenths of hours)					.27 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.1	0					
Wind direction	W	NW	N	N	N	NE	NE	E	SE	SE	SE	SE	S	SW	SW	SW	SW	W	SW	S	SE	S	SW	S
Wind movement	2	2	3	1	1	4	5	5	5	4	4	4	5	6	5	6	6	6	3	3	2	3	1	1
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
91	62	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 42, Moon phase,

Actual sunshine, hours, 11.8

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 84

Prevailing direction SW

Total movement, 87

Average hourly velocity, 3.6

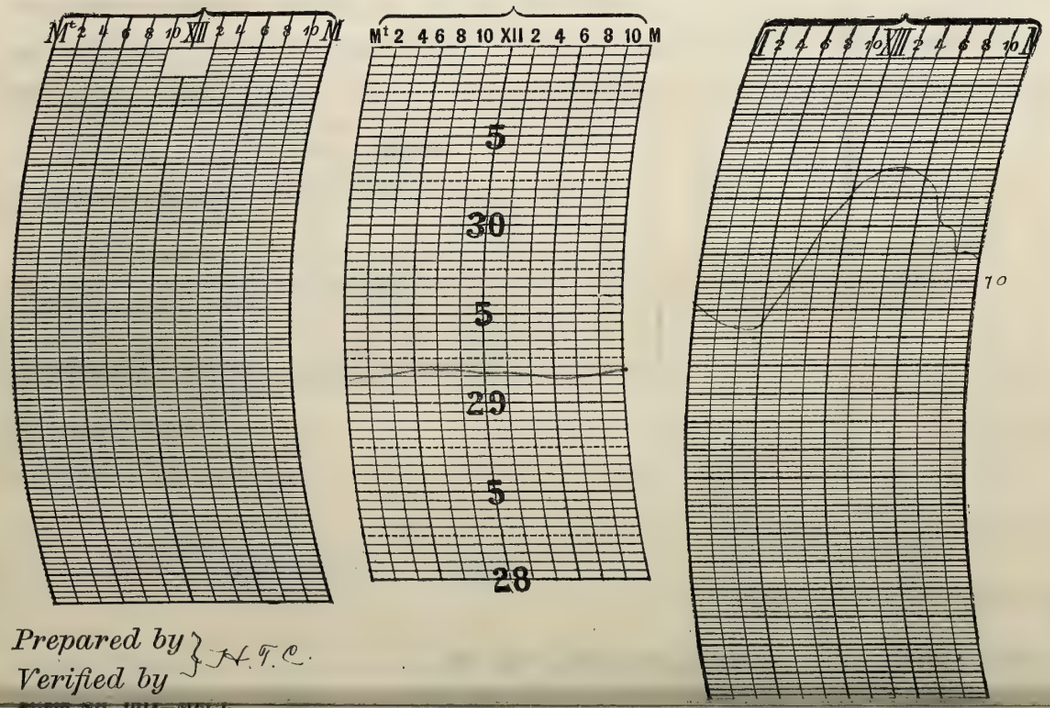
Maximum velocity,	Direction,	Time.
10	W	5.10 pm

Relative humidity, 72 a. m. 44 p. m.

Reduced barometer, 30.09 a. m. 30.01 p. m.

River gage,

NOTES.



Prepared by } J. H. T. C.
Verified by }

FORM NO. 1014—MET'L.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 10 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	71	71	69	68	66	74	77	82	84	88	91	93	97	97	97	97	96	92	89	88	85	83	81
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt Cloudy								Clear									
Sunshine (in tenths of hours)					0	0	0.3	0.8	0.6	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.7 0.8					
Wind direction	SE	NE	E	E	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	S	SW	SW	SW
Wind movement	2	4	1	2	5	6	4	5	7	7	8	8	6	6	10	11	8	6	5	3	8	8	9	9
Maximum velocities (exceeding 27 miles)																								

Sunrise: Time, 4.45; Character, Cloudy

Sunset: Time, 6.47; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	66	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy 4. Moon phase, F. M.

Actual sunshine, hours, 10.8

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 77

Prevailing direction SW

Total movement, 148

Average hourly velocity, 6.2

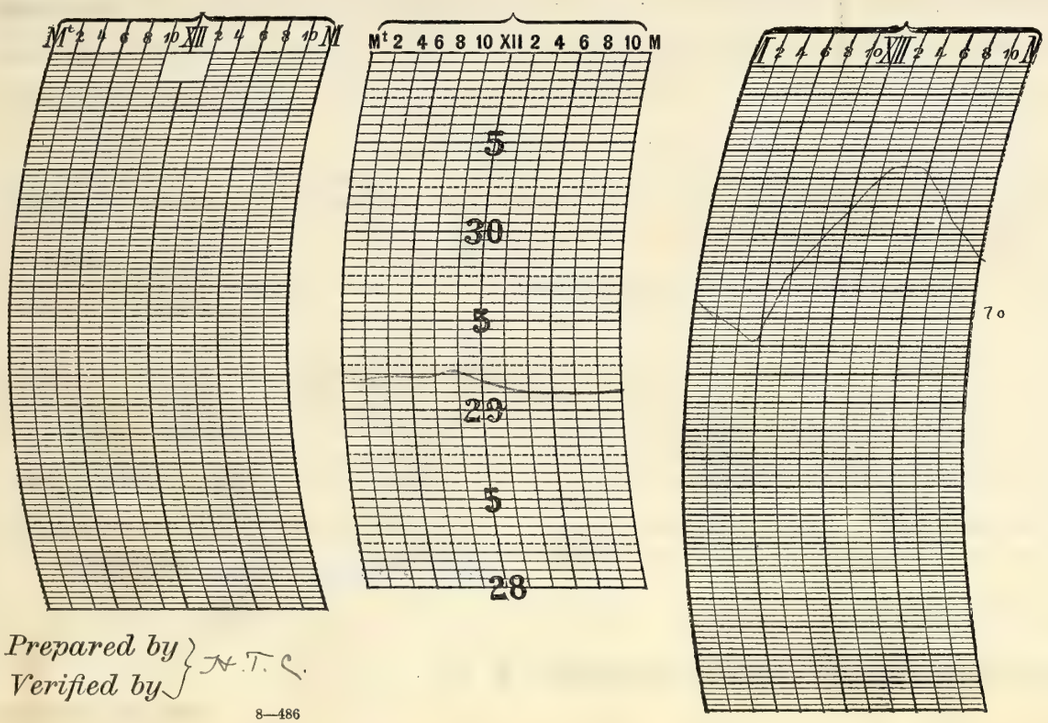
Maximum velocity,	Direction,	Time.
14	SW	3.20 p.m.

Relative humidity, 64 a. m. 38 p. m.

Reduced barometer, 30.08 a. m. 29.97 p. m.

River gage,

NOTES.



Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 11 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	79	81	78	77	76	72	74	74	75	77	80	82	83	85	85	82	80	76	73	71	70	69	68	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy							Pt cloudy									
Sunrise: Time, Character	4.47 Cloudy																				Sunset: Time, Character 6.45 Clear			
Sunshine (in tenths of hours)					0	0	0	0	0	0	1.0	1.0	1.0	0.7	0.8	0.3	0.6 0.4	0.0 0	.75 0					
Wind direction	SW	NW	N	N	0	NW	NW	N	NE	NE	NW	NW	NW	W	NW	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	14	11	3	0	7	9	6	3	4	5	4	4	6	4	12	14	15	15	12	10	8	9	9
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	66	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy 7, Moon phase,

Actual sunshine, hours, 7.5

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 54

Prevailing direction NE

Total movement, 193

Average hourly velocity, 8.0

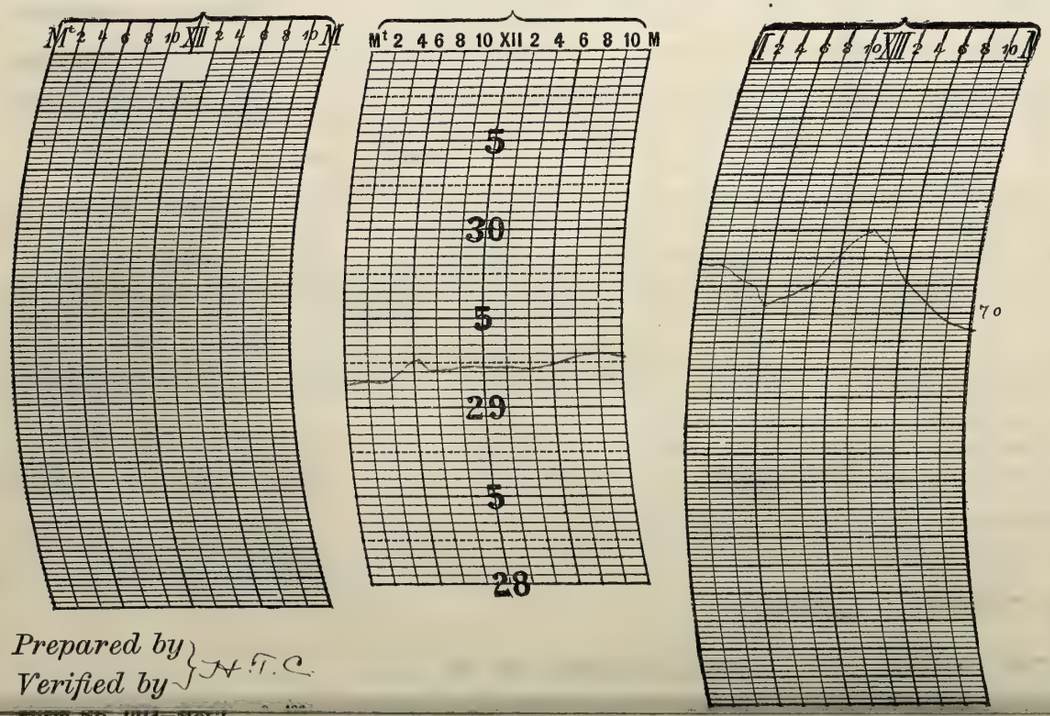
Maximum velocity,	Direction,	Time.
19	NW	2.01 a.m.

Relative humidity, 73 a. m. 68 p. m.

Reduced barometer, 30.16 a. m. 30.14 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 12 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	64	61	60	60	61	63	67	70	73
Nature of precipitation and time of beginning and ending				1	RB 4.08				RE 8.50			
Amounts of precipitation					.18	.28	.07	T	T			
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 4.48 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0.4	0	0.7
Wind direction	E	E	E	E	E	N	NE	E	E	E	E	NW
Wind movement	9	9	7	7	9	12	7	8	5	5	3	4
Maximum velocities (exceeding 29 miles)						31 NW						

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	76	76	77	75	75	74	74	73	73	72
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunset: Time, 6.44 Character, cloudy												
Sunshine (in tenths of hours)	0.3	0	0.4	0.3	0	0	0					
Wind direction	NW	S	S	E	SE	SW	NW	NW	N	NE	NE	NE
Wind movement	5	9	7	3	3	3	4	3	3	2	2	2

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	60	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .53 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .53 inches.

Character of day, cloudy, 1, Moon phase,

Actual sunshine, hours, 2.1

Possible sunshine, hours, 13.9

Percentage of possible sunshine, 15

Prevailing direction E

Total movement, 131

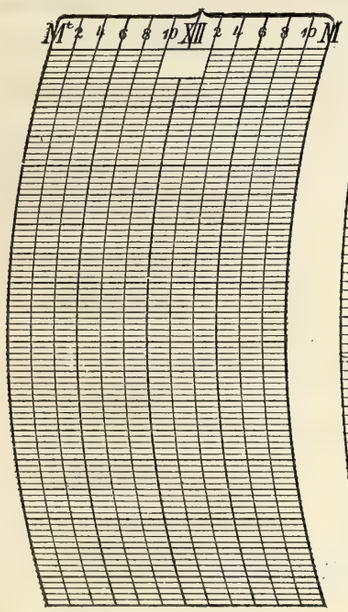
Average hourly velocity, 5.5

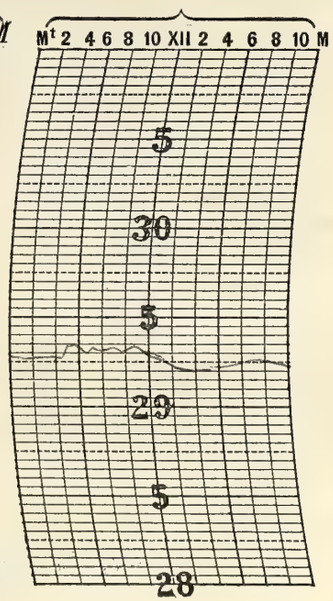
Maximum velocity,	Direction,	Time.
31	NW	5.20 a.m.

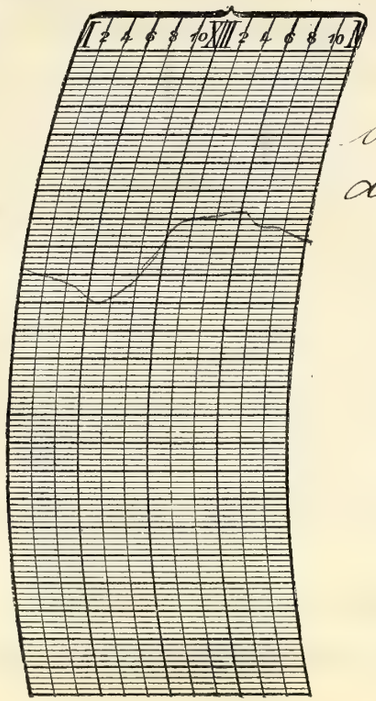
Relative humidity, 100 a. m. 80 p. m.

Reduced barometer, 30.20 a. m. 30.12 p. m.

River gage,







NOTES.

A severe thunderstorm which began at about 2.00 a.m. and continued during the early morning

Prepared by } H T C
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 13 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	69	68	69	68	69	70	69	69	72	75	77
State of weather: Nature of precipitation and time of beginning and ending			RB 2.40				RE 6.21	RB 7.07		RE 9.20		
Amounts of precipitation			.07	.10	.02	.01	T	.06	.06	.02		
Cloudiness and other conditions						Cloudy						
Sunrise: Time, 449; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.7	0.4
Wind direction	SE	S	N	NW	W	S	SW	N	NW	N	N	NW
Wind movement	2	2	3	4	4	3	3	10	3	4	7	3

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	84	85	73	75	74	73	73	73	75	73	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt Cloudy									
Sunset: Time, 643; Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.5	0.6	0	0					
Wind direction	SW	SW	SW	NE	NE	SE	E	SE	SE	SE	S	SW
Wind movement	8	8	6	11	9	4	4	3	7	8	9	10

Maximum velocities (exceeding 24 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	68	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .20 ins.; to 7 p. m., .14 ins.

Total precipitation, midnight to midnight, .34 inches.

Character of day, Cloudy, S. Moon phase,

Actual sunshine, hours, 5.2

Possible sunshine, hours, 13.9

Percentage of possible sunshine, 37

Prevailing direction, SW, SE

Total movement, 133.5

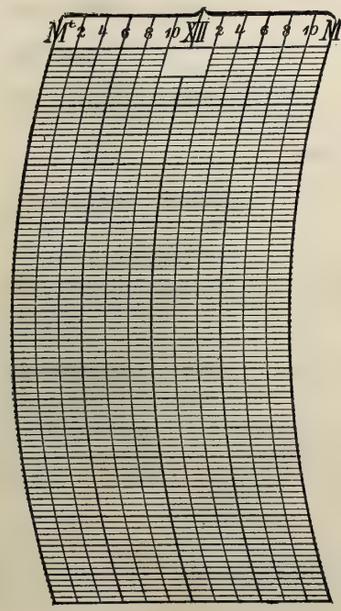
Average hourly velocity, 5.6

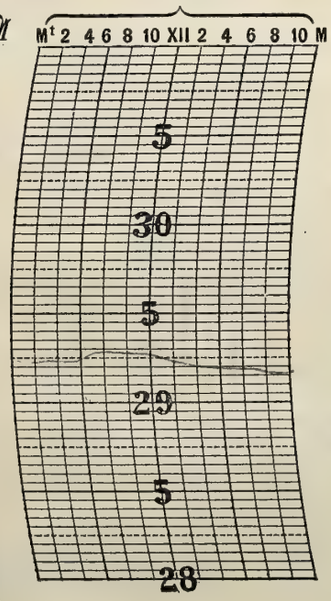
Maximum velocity,	Direction,	Time.
17	NE	3.35 p

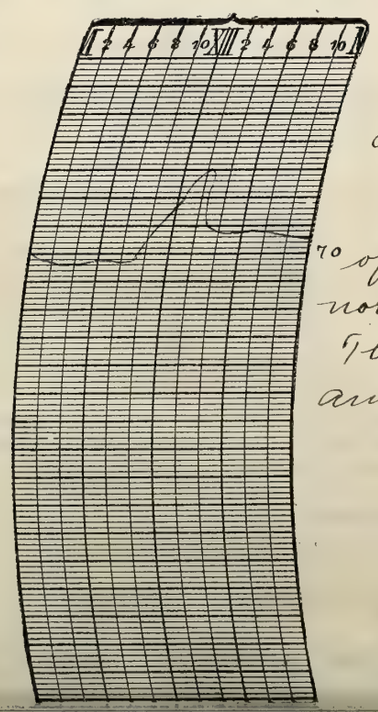
Relative humidity, 95 a. m. 80 p. m.

Reduced barometer, 30.18 a. m. 30.10 p. m.

River gage,







NOTES.

A light thunderstorm began at 3.00 am. and continued during the early morning. The sky was obscured, during the time of the ~~obs~~ p.m. observation, excepting the northeastern and southwestern portions. The clouds were of stratus form and the amount 9/10.

Prepared by } H.T.C.
Verified by }

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 14 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	71	70	69	70	70	75	77	80	82	83	84	86	88 (89)	80	83	83	81	78	76	75	75	75	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt Cloudy							Pt Cloudy									
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	0.8	0.8	1.0	1.0	0.6	0.8	0.4	0.3	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	NW	NW	NW	SW	SW	SW	S	S	SW	S	SW	SW	SW
Wind movement	9	8	6	6	5	6	1	2	4	6	9	6	6	6	11	11	8	9	7	6	6	7	9	8
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 4.50; Character, cloudy

Sunset: Time, 6.41; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
89	69	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy, 4; Moon phase,

Actual sunshine, hours, 9.4

Possible sunshine, hours, ~~13.9~~ 13.8

Percentage of possible sunshine, 68

Prevailing direction SW

Total movement, 162

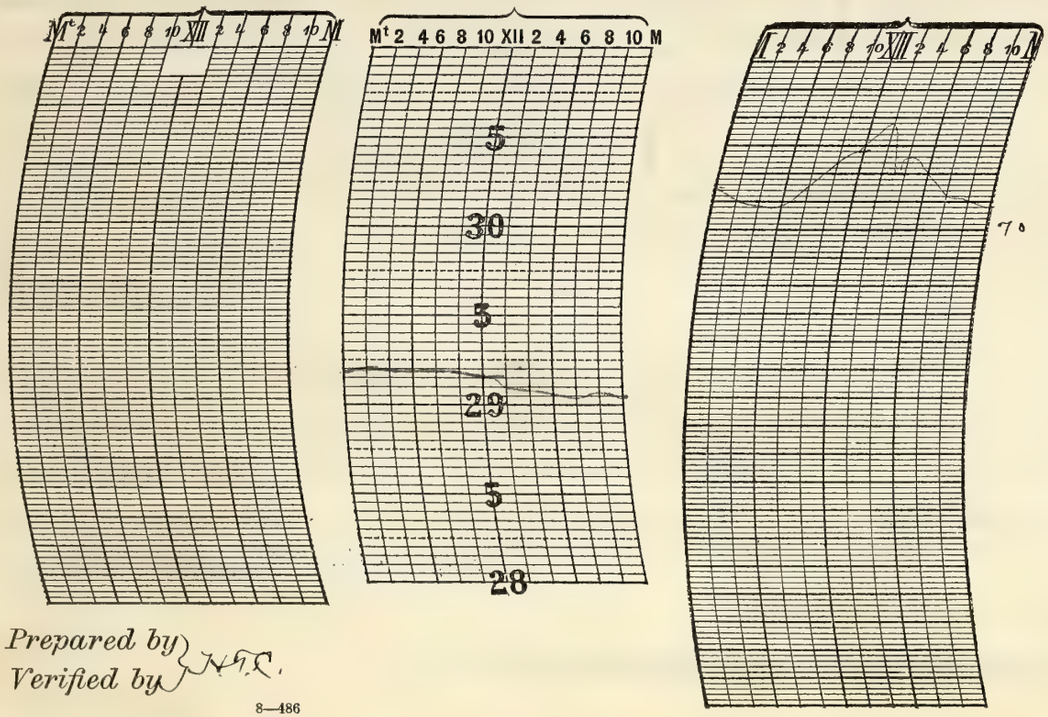
Average hourly velocity, 6.8

Maximum velocity,	Direction,	Time.
25	SW	3.00 p.m.

Relative humidity, 79 a. m. 73 p. m.

Reduced barometer, 30.10 a. m. 29.94 p. m.

River gage,



NOTES.

Prepared by
Verified by H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 15 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	74	74	72	70	70	69	68	69	73	76	76	76
State of weather: Nature of precipitation and time of beginning and ending							RB 6.10	RE 7.20				
Amounts of precipitation							.04	T				
Cloudiness and other conditions							~~Pt~~ Cloudy					
Sunrise: Time, Character,	4.51 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0.4	1.0	0.8	0.4	0.5
Wind direction	SW	SW	SW	W	W	W	W	SW	NW	NW	NW	NW
Wind movement	12	10	8	8	8	4	8	6	6	10	11	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	80	82	83	84	84	82	78	76	74	72	71	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy											
Sunset: Time, Character,									6.40 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0.4 0.7 0					
Wind direction	NW	NW	N	N	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	10	12	11	10	9	8	7	5	6	5	4	2

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	68	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Pt. Cloudy, Moon phase,

Actual sunshine, hours, 9.8

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 71

Prevailing direction NW

Total movement, 189

Average hourly velocity, 7.9

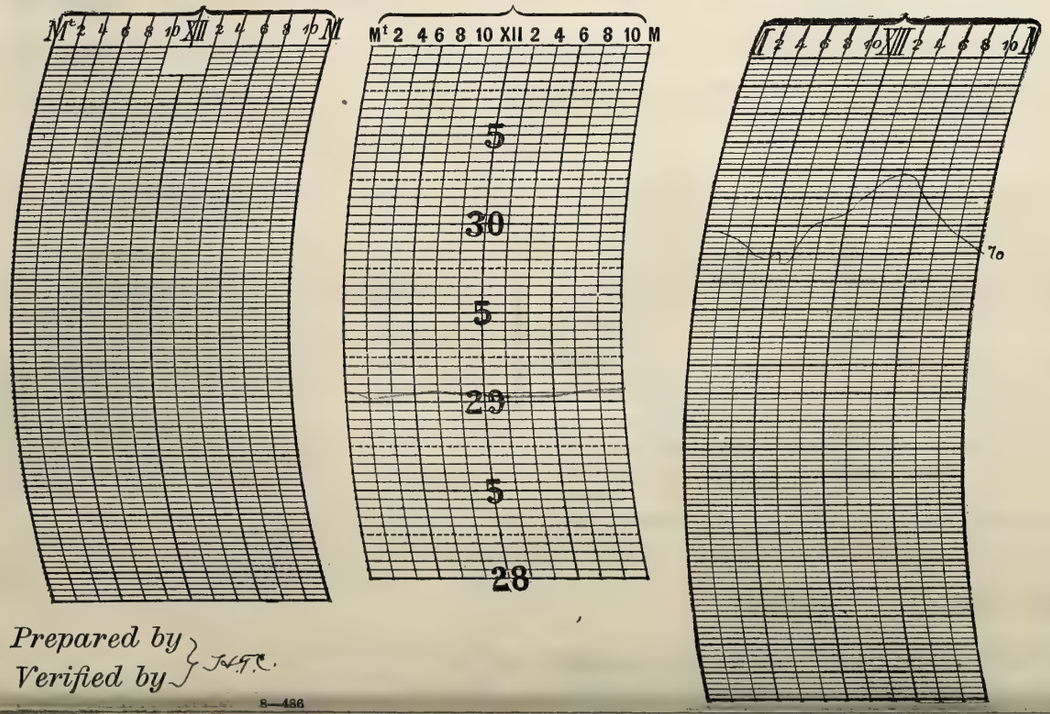
Maximum velocity,	Direction,	Time.
13	W	6.35 a.m.

Relative humidity, 89 a. m. 69 p. m.

Reduced barometer, 29.97 a. m. 29.94 p. m.

River gage,

NOTES.



Prepared by
Verified by } J.H.F.C.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 16 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	67	66	65	62	63	68	72	77	81	86	88	89	89	90	89	88	86	82	80	79	78	78	77
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunshine (in tenths of hours)	Sunrise: Time, 4.52 Character, Clear				0	0	06	10	10	10	10	10	10	10	10	10	07	04	0		Sunset: Time, 6.39 Character, Cloudy			
Wind direction	SW	SW	W	W	SW	W	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	SW	SW	SW	SW	NW	W
Wind movement	4	3	4	3	5	5	4	5	9	9	11	13	12	12	13	12	13	9	7	7	8	6	5	1
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
90	62	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 2, Moon phase,

Actual sunshine, hours, 12.2

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 88

Prevailing direction, SW

Total movement, 180

Average hourly velocity, 7.5

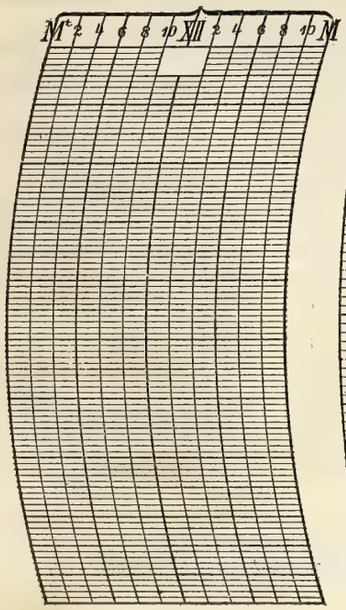
Maximum velocity,	Direction,	Time.
15	W	1.50 p.m.

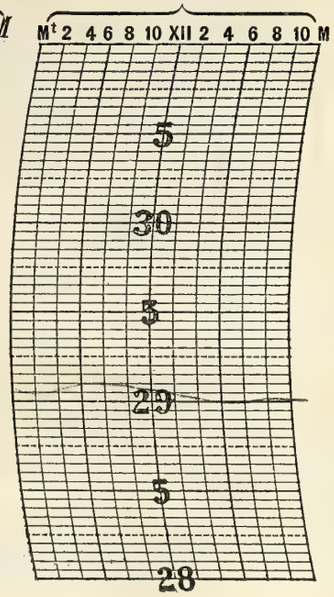
Relative humidity, 84 a. m. 51 p. m.

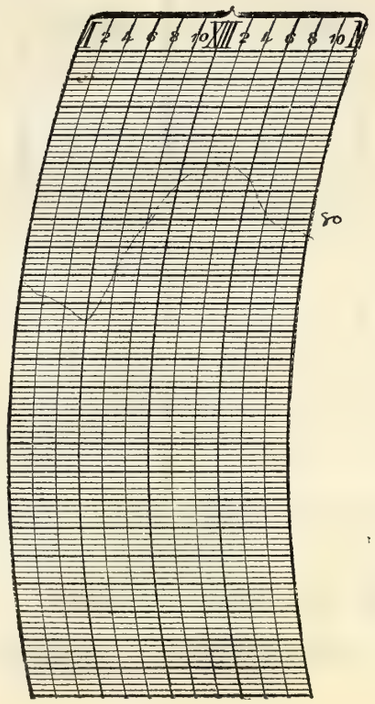
Reduced barometer, 30.02 a. m. 29.89 p. m.

River gage,

NOTES.







Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 17 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	72	72	72	70	71	73	75	78	80	82	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								cloudy				
Sunrise: Time, 4.53 Character, cloudy												
Sunshine (in tenths of hours)				1	0	0	0	0.6	1.0	0.6	0.1	0.3
Wind direction	W	SW	SW	W	SW	SW	W	NW	NW	SW	SW	SW
Wind movement	3	7	6	6	6	6	5	5	5	5	6	5
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	82	82	80	80	80	80	78	77	75	73	71	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			cloudy									
Sunset: Time, 6.37 Character, cloudy												
Sunshine (in tenths of hours)	0	0.3	0	0	0	0	0					
Wind direction	NW	NW	NW	NE	N	W	W	W	NW	NW	W	W
Wind movement	5	7	8	4	5	5	4	4	7	4	4	4
Maximum velocities (exceeding 29 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
83	68	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, cloudy 7. Moon phase,

Actual sunshine, hours, 2.9

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 21

Prevailing direction W

Total movement, 126

Average hourly velocity, 5.2

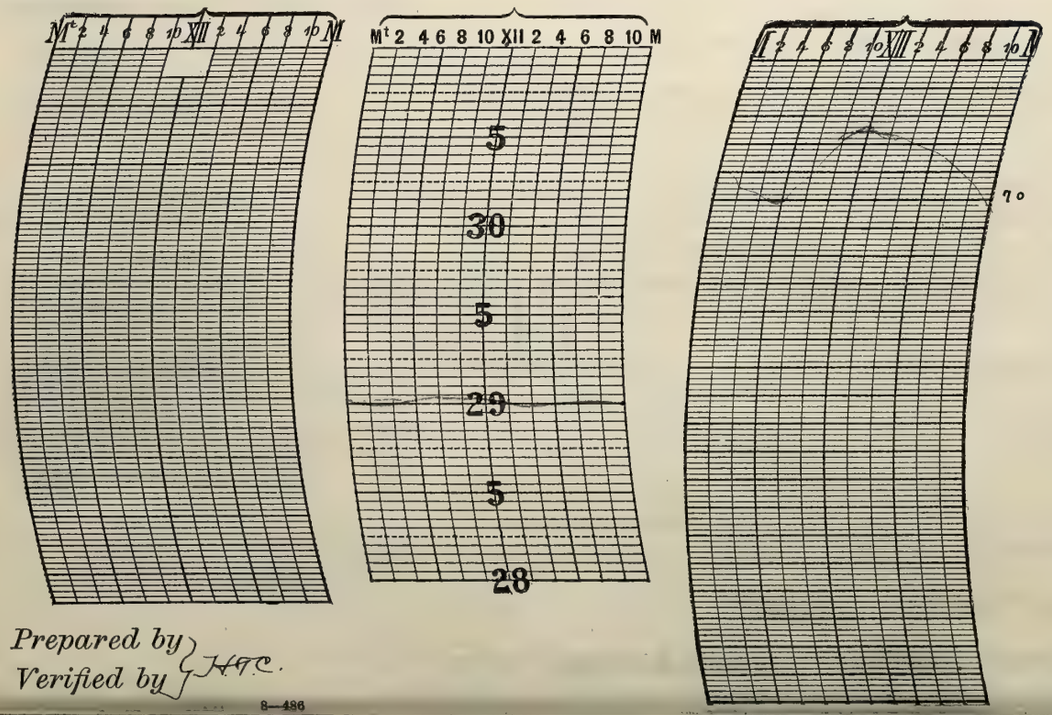
Maximum velocity,	Direction,	Time.
9	N	3.00 p.m.

Relative humidity, 81 a. m. 75 p. m.

Reduced barometer, 29.92 a. m. 29.90 p. m.

River gage,

NOTES.



Prepared by
Verified by HFC.

8—486

Form No. 1012—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 18 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	65	64	65	65	65	68	70	75	76	76	77	78	78	80	78	77	75	70	67	65	63	62	62
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunrise: Time, 454 Character, Cloudy																					Sunset: Time, 636 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0					
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	6	6	6	6	6	8	8	9	13	12	13	13	15	17	16	15	14	12	10	8	8	8	9	7
Maximum velocities (exceeding 27 miles)																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	6	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 2 Moon phase,

Actual sunshine, hours, 11.8

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 86

Prevailing direction NW

Total movement, 245

Average hourly velocity, 10.2

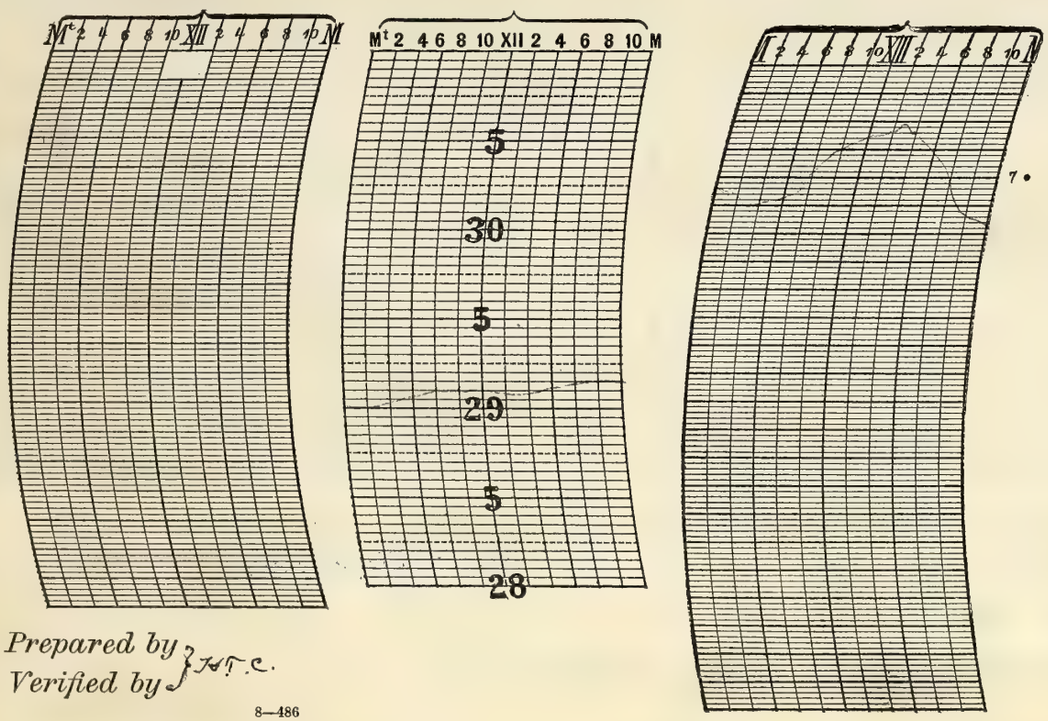
Maximum velocity, 21 Direction, NW Time, 150 pm

Relative humidity, 78 a. m. 50 p. m.

Reduced barometer, 29.99 a. m. 30.01 p. m.

River gage,

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 19 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	59	57	56	54	54	59	60	64	66	66	67	70	72	72	73	72	70	68	65	64	63	61	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear							Clear								
Sunshine (in tenths of hours)	Sunrise: Time, 4.55 Character, Clear				0.8 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	1.0	0.4	0		Sunset: Time, 6.34 Character, Cloudy			
Wind direction	N	N	N	N	N	N	N	NE	N	N	N	N	N	N	N	NW	NW	N	N	N	N	N	N	N
Wind movement	6	5	5	6	5	4	5	7	7	10	10	9	8	8	6	7	7	8	4	4	3	4	4	5
Maximum velocities (exceeding 29 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	54	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 1, Moon phase,

Actual sunshine, hours, 12.2

Possible sunshine, hours, ~~13.7~~ 13.6

Percentage of possible sunshine, 89

Prevailing direction N

Total movement, 147

Average hourly velocity, 6.1

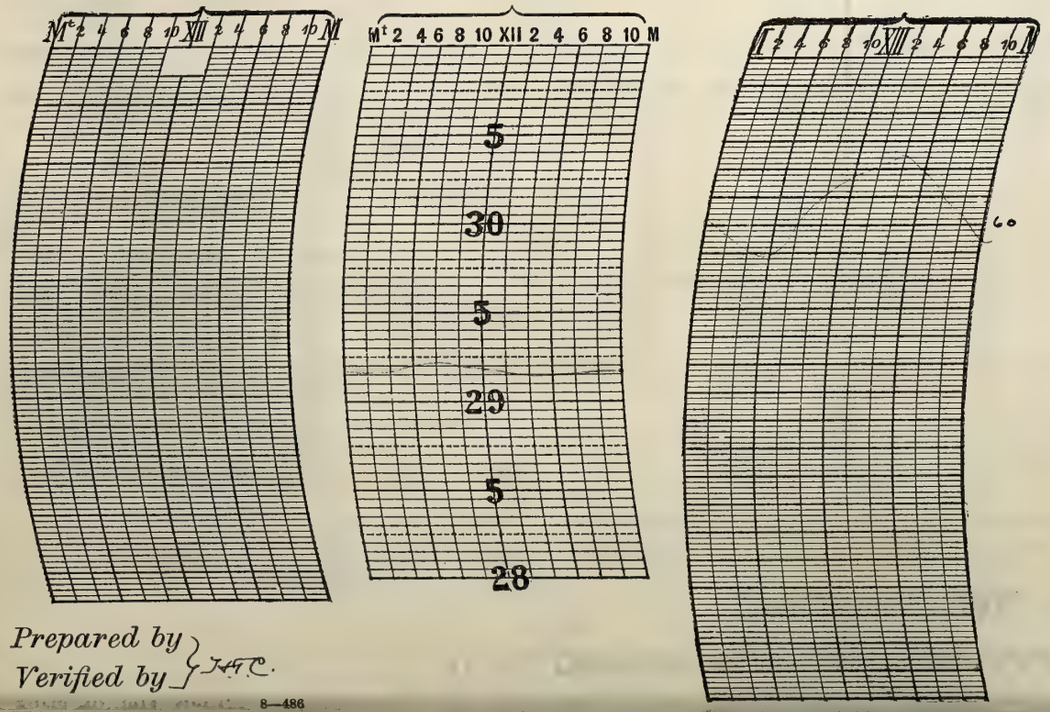
Maximum velocity,	Direction,	Time.
13	NE	9.00 a.m.

Relative humidity, 69 a. m. 47 p. m.

Reduced barometer, 30.14 a. m. 30.07 p. m.

River gage,

NOTES.



Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 20 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	56	55	53	53	54	59	66	69	71	72	73	74	75	77	76	76	74	72	70	67	65	63	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear					Clear										
Sunshine (in tenths of hours)	Sunrise: Time, 456 Character, clear				0.7 0	1.0 0	0.1 0.9	1.0	1.0	0.9	1.0	0.8	0.9	1.0	1.0	1.0	1.0	0.5 0.5	0.5 0		Sunset: Time, 6.33 Character, Clear			
Wind direction	N	N	N	N	NE	N	NE	E	NE	N	NE	N	NE	N	N	N	N	NE	NE	NE	NE	NE	NE	E
Wind movement	4	6	5	6	5	3	3	2	3	6	5	6	6	6	7	6	7	6	5	4	4	3	5	6
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
77	53	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 1. Moon phase,

Actual sunshine, hours, 13.3

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 98

Prevailing direction N + NE

Total movement, 119

Average hourly velocity, 5.0

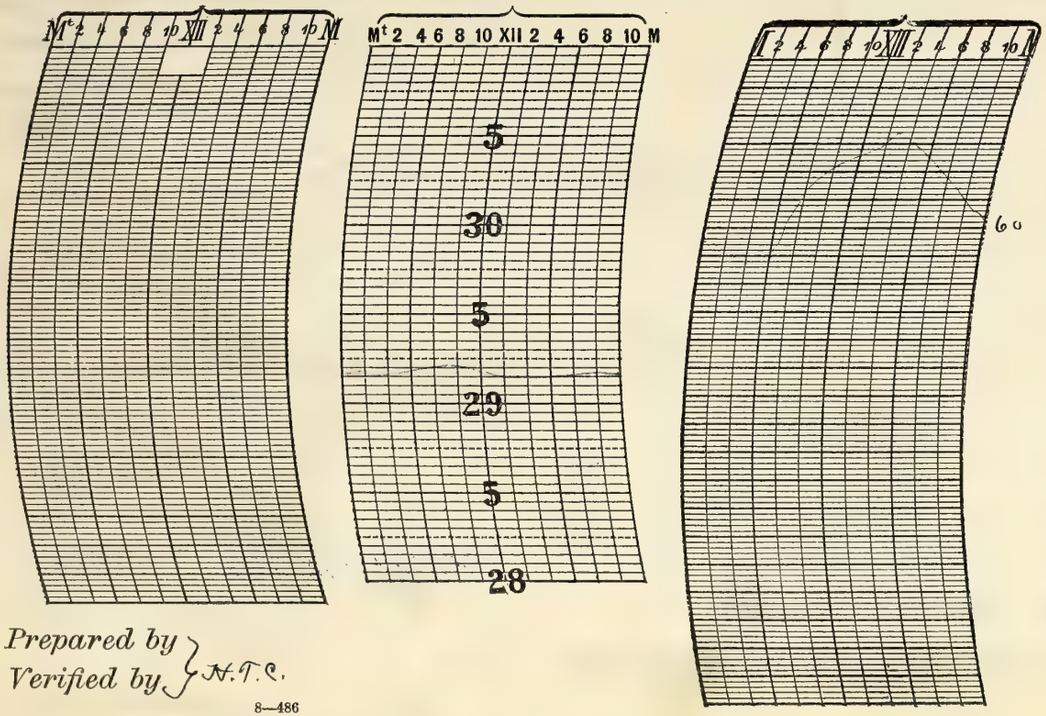
Maximum velocity,	Direction,	Time.
9	N	3.22 p.m.

Relative humidity, 70 a. m. 43 p. m.

Reduced barometer, 30.10 a. m. 30.02 p. m.

River gage,

NOTES.



Prepared by
Verified by } N.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ina., (Day of week) Monday, (Date) AUG 21 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	61	60	60	59	55	62	67	70	74	76	79	80	81	82	82	80	80	77	74	72	70	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt Cloudy						Pt Cloudy										
	Sunrise: Time, 4.57; Character, cloudy																				Sunset: Time, 6.31; Character, cloudy			
Sunshine (in tenths of hours)					0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0					
Wind direction	SE	SE	S	S	SE	E	E	S	SW	SW	SE	S	S	S	S	S	S	S	SE	SE	SE	SE	S	S
Wind movement	4	3	4	5	5	4	3	6	6	5	7	8	10	10	12	11	10	7	7	9	9	9	9	6
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy 6, Moon phase,

Actual sunshine, hours, 9.5

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 70

Prevailing direction S

Total movement, 169

Average hourly velocity, 7.0

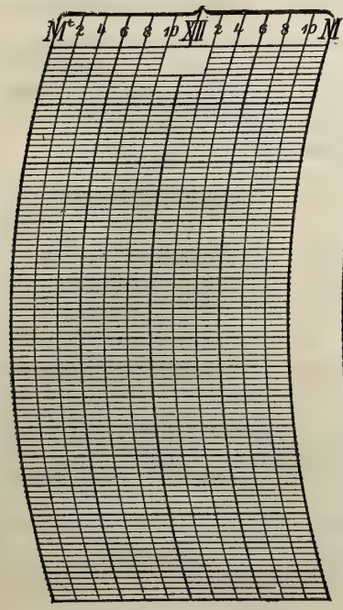
Maximum velocity,	Direction,	Time.
14	S	3.00 p.m.

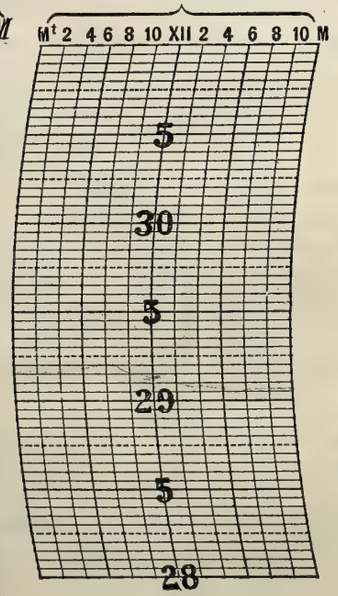
Relative humidity, 62 a. m. 39 p. m.

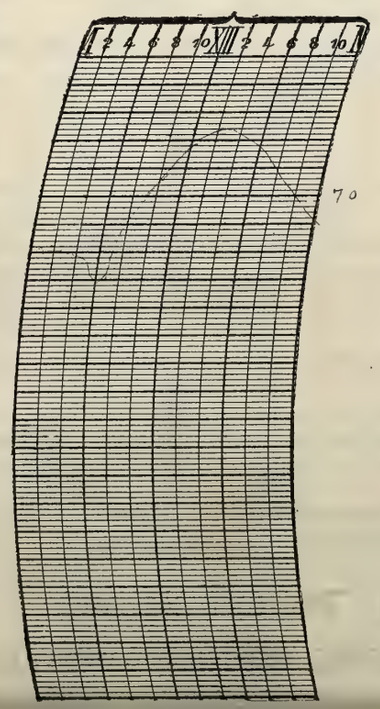
Reduced barometer, 30.09 a. m. 29.96 p. m.

River gage,

NOTES.







Prepared by
Verified by } H.T.C.

8—486

Form No. 1012—Met I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 22 1911, 191

Time (local standard), 1 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	63	62	60	59	60	64	69	74	79	76	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Pt cloudy →				
Sunrise: Time, 4.58 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0.5	1.0	1.0	0.7	0
Wind direction	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW	W
Wind movement	6	6	7	6	8	7	10	8	9	11	16	18
Maximum velocities (exceeding 29 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	73	68 72	67	69	71	70	69	67	66	65	63
State of weather: Nature of precipitation and time of beginning and ending	RB 12.05 RE 12.35	RB 1.30		RE 3.55								
Amounts of precipitation	T	T	.04	.07								
Cloudiness and other conditions			Cloudy									
Sunset: Time, 6.30 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SW	SW	W	SW	SW	W	W	W	NW	NW	NW	NW
Wind movement	15	14	11	12	9	9	7	6	8	7	7	6

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

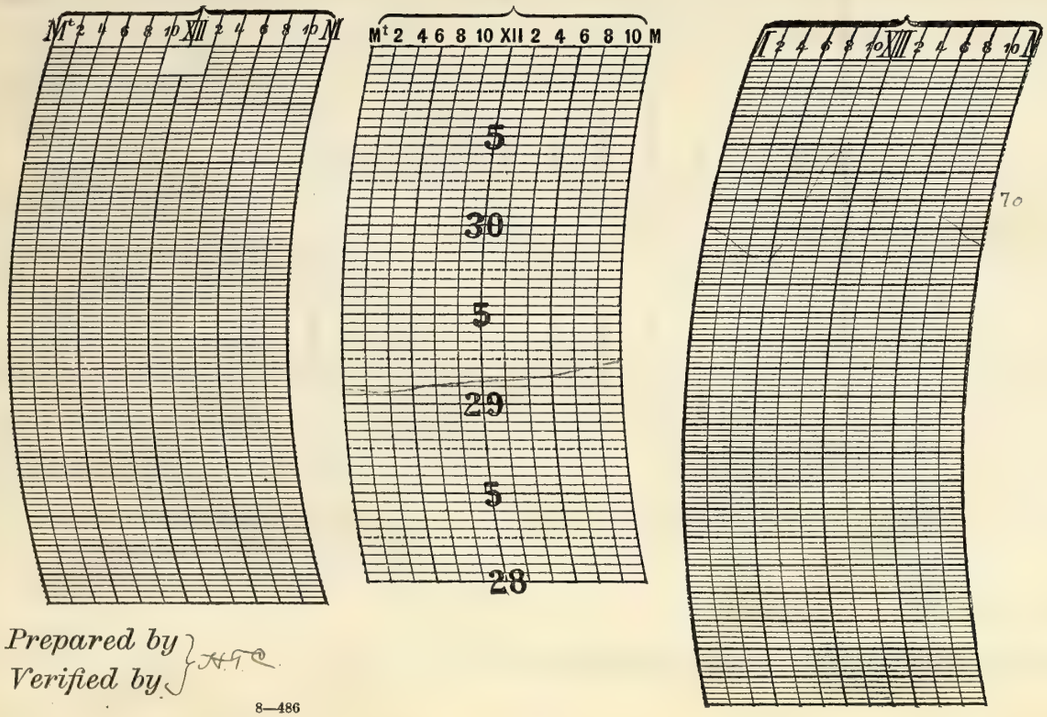
	Maximum.	Minimum.	Mean.	Normal.
	79	59	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .11 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Cloudy, 9 Moon phase,
Actual sunshine, hours, 3.2
Possible sunshine, hours, 13.5
Percentage of possible sunshine, 24
Prevailing direction SW
Total movement, 223
Average hourly velocity, 9.3

Maximum velocity,	Direction,	Time.
23	W	11.12 A.M.

Relative humidity, 60 a. m. 94 p. m.
Reduced barometer, 29.99 a. m. 30.07 p. m.
River gage,

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 23 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	61	61	60	60	59	60	61	62	62	62	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						—		cloudy				—
Sunrise: Time, 4.59 Character, cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NW	NW	NW	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	6	6	5	6	10	10	9	9	10	9	10
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	61	60	61	62	62	61	62	63	62	62	62
State of weather: Nature of precipitation and time of beginning and ending		RB 1.45		RE 3.40								
Amounts of precipitation		T	.01	.01								
Cloudiness and other conditions		—		cloudy				—				
Sunset: Time, 6.28 Character, cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	E	E	E	E	NE	N	NE	E	N
Wind movement	9	6	6	4	5	4	4	4	4	5	4	6

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	59	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, cloudy, 10. Moon phase, New Moon

Actual sunshine, hours, 0

Possible sunshine, hours, 135

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 157

Average hourly velocity, 6.5

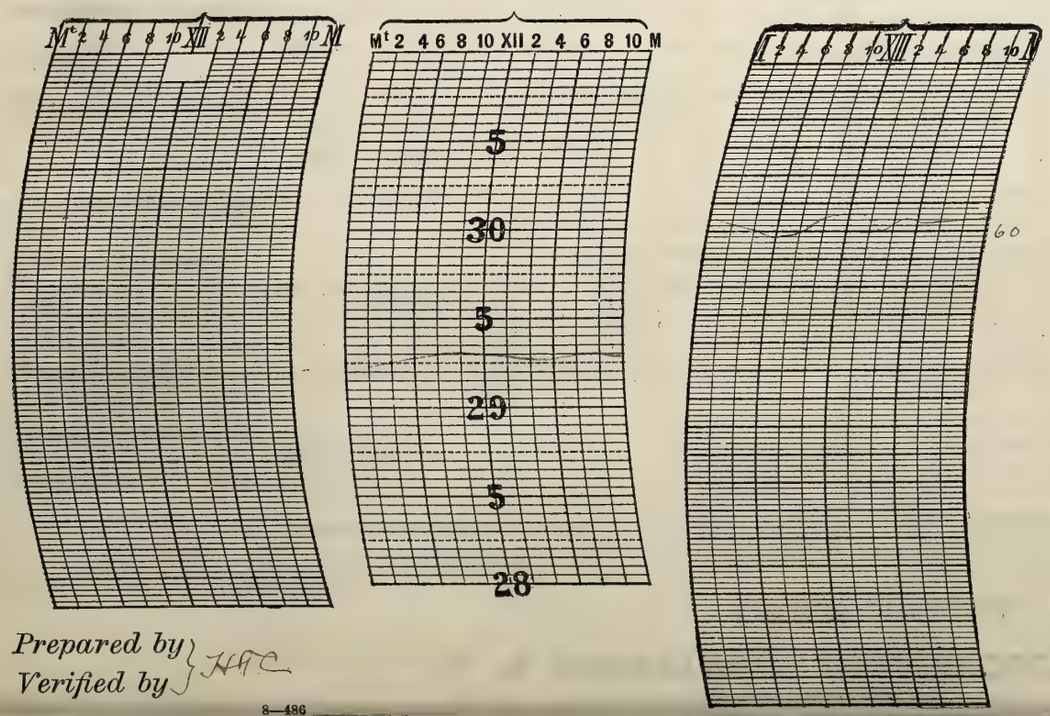
Maximum velocity,	Direction,	Time.
13	NE	6.08 a.m.

Relative humidity, 86 a. m. 92 p. m.

Reduced barometer, 30.20 a. m. 30.15 p. m.

River gage,

NOTES.



Prepared by
Verified by } HFC

8—486

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 24 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	60	59	57	57	58	57	54	54	54	55	55
State of weather: Nature of precipitation and time of beginning and ending	RB DN											
Amounts of precipitation	.01	.03	.06	.04	.05	.03	.06	.06	.20	.08	.03	.07
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 5.00 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	N	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	3	4	5	8	10	11	13	17	14	14	15	12

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	55	56	57	57	57	57	56	56	56	56	56
State of weather: Nature of precipitation and time of beginning and ending									RE 8.20			
Amounts of precipitation	.14	.02	.04	.02	.01	.02	.01	.01	.01			
Cloudiness and other conditions			Cloudy									
Sunset: Time, 6.27 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	10	9	12	11	11	10	11	9	8	8	7

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	62	54	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .28 ins.; to 7 p. m., .70 ins.

Total precipitation, midnight to midnight, 1.00 inches.

Character of day, Cloudy, 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, ~~13.5~~ 15.

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 244

Average hourly velocity, 9 10.2

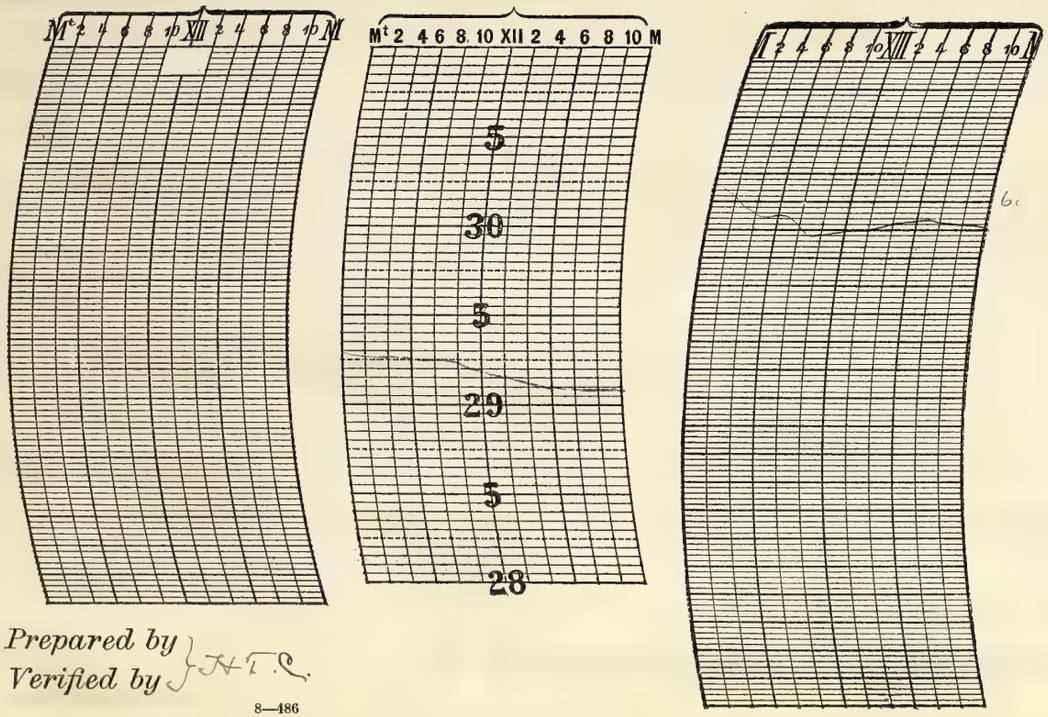
Maximum velocity,	Direction,	Time.
20	NE	7.05 a.m.

Relative humidity, 96 a. m. 100 p. m.

Reduced barometer, 30.15 a. m. 30.01 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 25 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	56	56	56	57	57	57	58	60	60	63	65	66	67	69	69	70	70	68	65	63	61	60	60
								RB 7.26	RE 8.50															
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation								T	T															
Cloudiness and other conditions								Cloudy						Cloudy				→ Clear						
Sunrise: Time, 5.00; Character, Cloudy																					Sunset: Time, 6.25; Character, Clear			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.1	0.4	0	0.3	0	0.2	0.1 (0.9)	0 (.42)					
Wind direction	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	N	N	N	NW	N	N	N	N	N	N	O	N
Wind movement	7	5	5	4	5	5	6	5	3	5	4	5	6	5	5	6	5	3	1	1	1	1	0	1
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	56	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy 9. Moon phase,

Actual sunshine, hours, 2.4

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 18

Prevailing direction, N

Total movement, 94

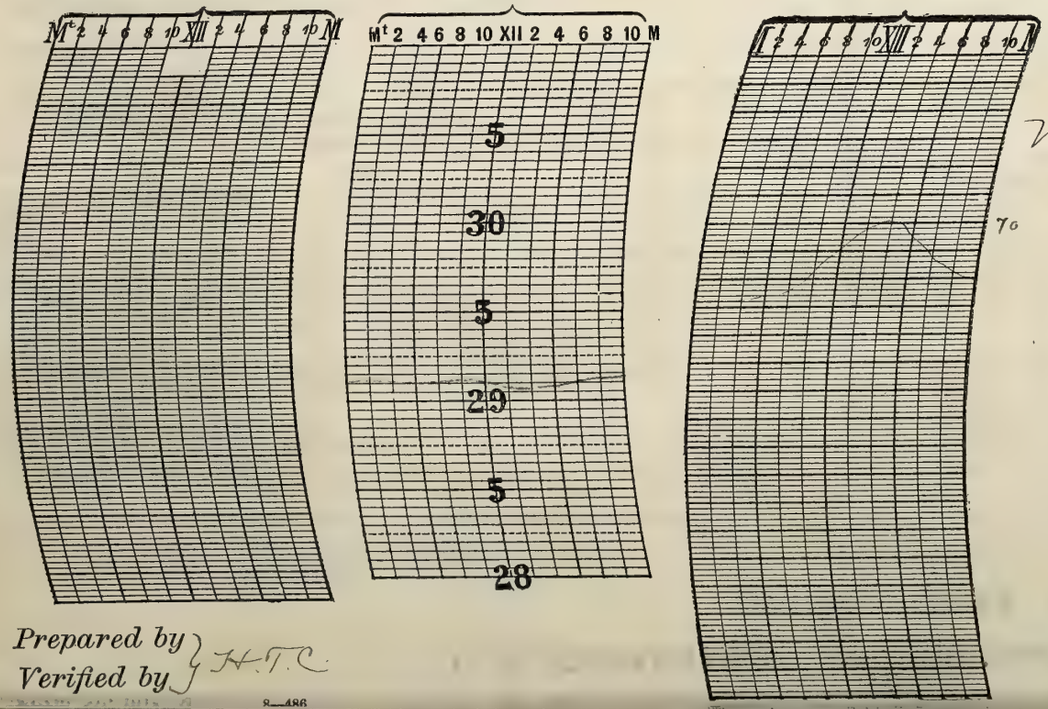
Average hourly velocity, 3.9

Maximum velocity,	Direction,	Time.
8	NE	1.55 p.m.

Relative humidity, 99 a. m. 75 p. m.

Reduced barometer, 30.02 a. m. 30.00 p. m.

River gage,



NOTES.

Light fog prevailed during the early morning and lifted at 8.00 a.m.

Prepared by } H.T.C.
Verified by }

8—486

Form No. 1012—Met I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 26 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	59	58	56	55	54	59	65	68	71	73	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						— Pt cloudy →						
Sunshine (in tenths of hours)						0	0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	O	N	N	N	N	NE	NE	E	E
Wind movement	1	2	1	0	1	1	2	3	5	5	5	7

Sunrise: Time, 5.02 Character, clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	75	76	75	75	72	69	68	67	67	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		← cloudy										
Sunshine (in tenths of hours)	0.8	0.6	0	0.4	0.3	0	0					
Wind direction	E	~~NE~~ SE	~~NE~~ SE	~~NE~~ SE	~~NE~~ SE	~~NE~~ SE	~~NE~~ SE	~~NE~~ SE	~~NE~~ SE	~~NE~~ SE	~~NE~~ SE	~~NE~~ SE
Wind movement	6	7	7	6	5	6	5	3	6	6	8	5

Sunset: Time, 6.24 Character, cloudy

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	54	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt cloudy, 4, Moon phase,

Actual sunshine, hours, 9.1

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 68

Prevailing direction SE

Total movement, 103

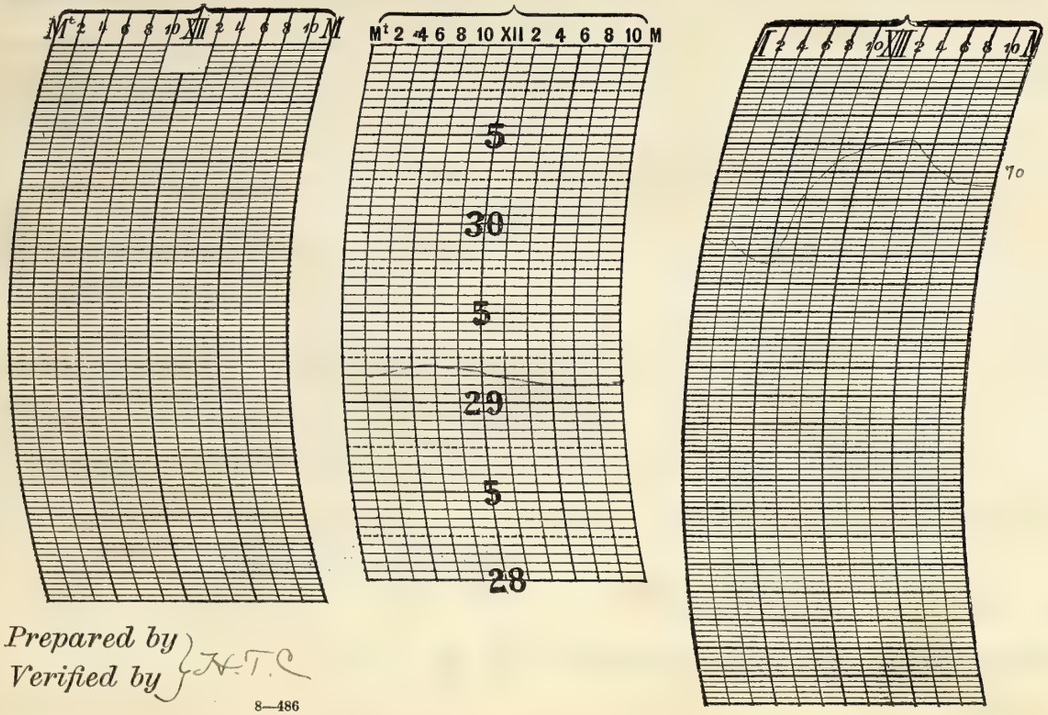
Average hourly velocity, 4.3

Maximum velocity,	Direction,	Time.
9	E	12.10 pm

Relative humidity, 87 a. m. 68 p. m.

Reduced barometer, 30.10 a. m. 30.02 p. m.

River gage,



NOTES.

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 27 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	66	65	65	65	66	67	70	73	76	78	80	81	82	83	84	82	80	79	77	75	74	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt cloudy				×		Clear			×	Pt cloudy							
Sunrise: Time, 5.03; Character, Cloudy																					Sunset: Time, 6.22; Character, Cloudy			
Sunshine (in tenths of hours)						0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	0	0					
Wind direction	SE	SE	S	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SE	SE	SE
Wind movement	4	5	6	5	5	6	6	6	8	8	9	10	10	10	11	9	7	4	1	1	3	2	3	1
Maximum velocities (exceeding 29 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 3. Moon phase,

Actual sunshine, hours, 9.4

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 71

Prevailing direction SW

Total movement, 140

Average hourly velocity, 5.8

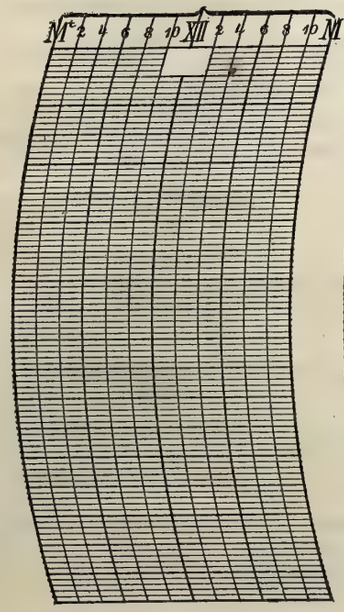
Maximum velocity,	Direction,	Time.
13	SW	11.30 a.m.

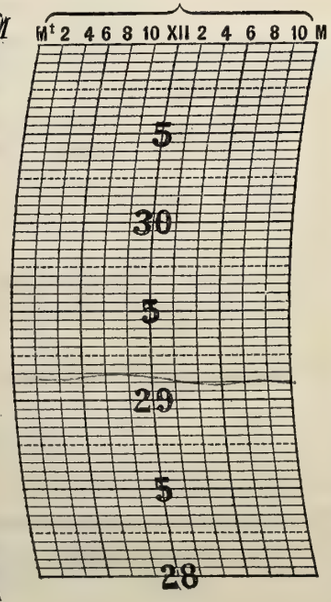
Relative humidity, 89 a. m. 60 p. m.

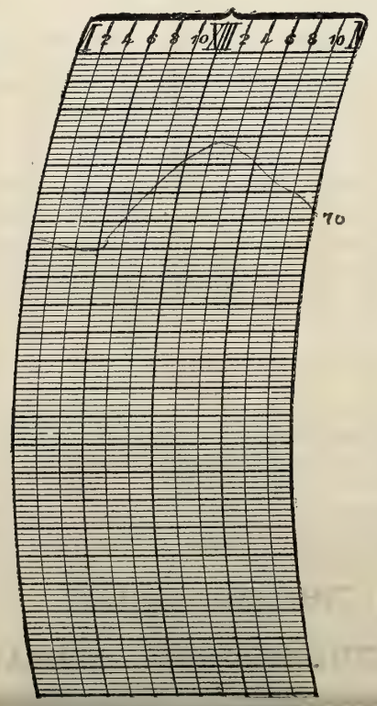
Reduced barometer, 30.02 a. m. 29.98 p. m.

River gage,

NOTES.







Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—McU.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 28 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	71	70	69	70	70	69	65	65	64	66	68	70	73	73	70	67	64	61	59	56	56	54
State of weather: Nature of precipitation and time of beginning and ending								RB 7.05		RE 10.00														
Amounts of precipitation								04	03	T														
Cloudiness and other conditions							Cloudy								Pt Cloudy									
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0.4	1.0	1.0	1.0	1.0	0.5 0.5	0					
Wind direction	SE	SE	S	S	S	S	S	NW	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	1	3	3	2	2	4	4	9	11	10	9	12	9	10	11	12	12	11	8	9	9	8	8	6
Maximum velocities (exceeding 27 miles)																								

Sunrise: Time, 5.04 Character, cloudy

Sunset: Time, 6.21 Character, Clear

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	54	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .07 ins.

Total precipitation, midnight to midnight, .07 inches.

Character of day, Cloudy 8, Moon phase,

Actual sunshine, hours, 5.8

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 44

Prevailing direction NW

Total movement, 183

Average hourly velocity, 7.6

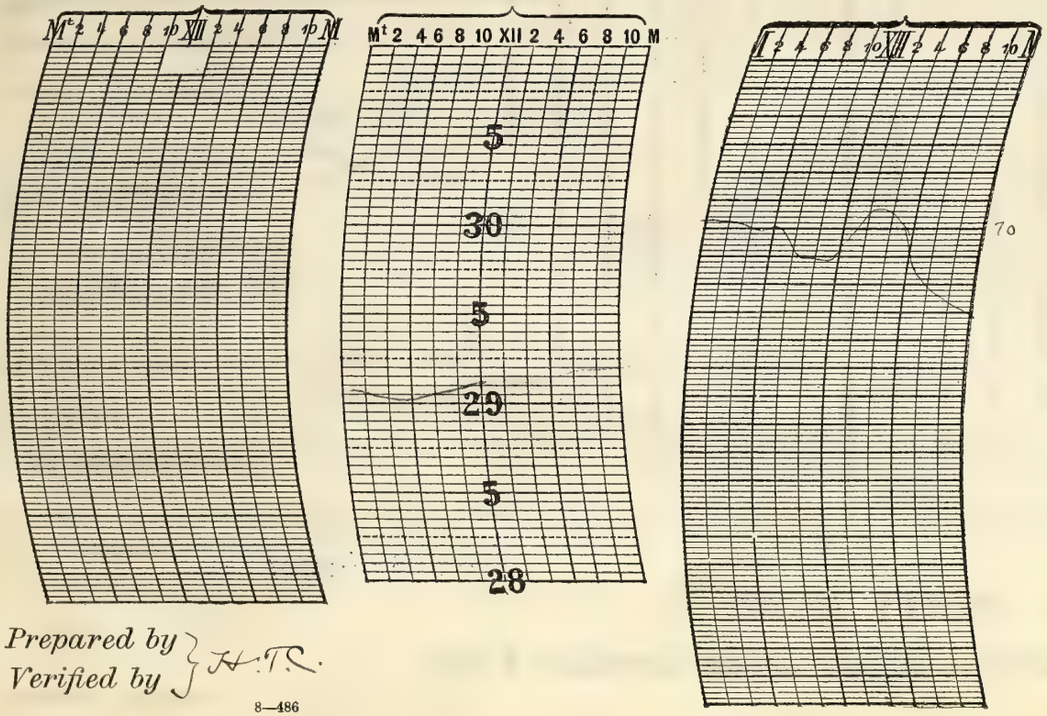
Maximum velocity,	Direction,	Time.
15	NW	8.05 a.m.

Relative humidity, 87 a. m. 52 p. m.

Reduced barometer, 29.92 a. m. 30.06 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 29 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	52	51	50	49	49	53	56	58	60	62	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				—	—	—	Clear	—	—	—	—	—
Sunrise: Time, Character,	5.04 Clear											
Sunshine (in tenths of hours)						.93 0	0.3 0.7	6.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	6	5	6	8	7	12	15	16	17	14	12
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	66	67	67	67	65	63	59	57	56	54	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—	—	Clear	—	—	—	—					
Sunset: Time, Character,									6.19 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.32 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	15	13	14	13	13	11	8	8	7	5	7	8

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	49	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 0, Moon phase,

Actual sunshine, hours, 13.2

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 100

Prevailing direction NE

Total movement, 245

Average hourly velocity, 10.2

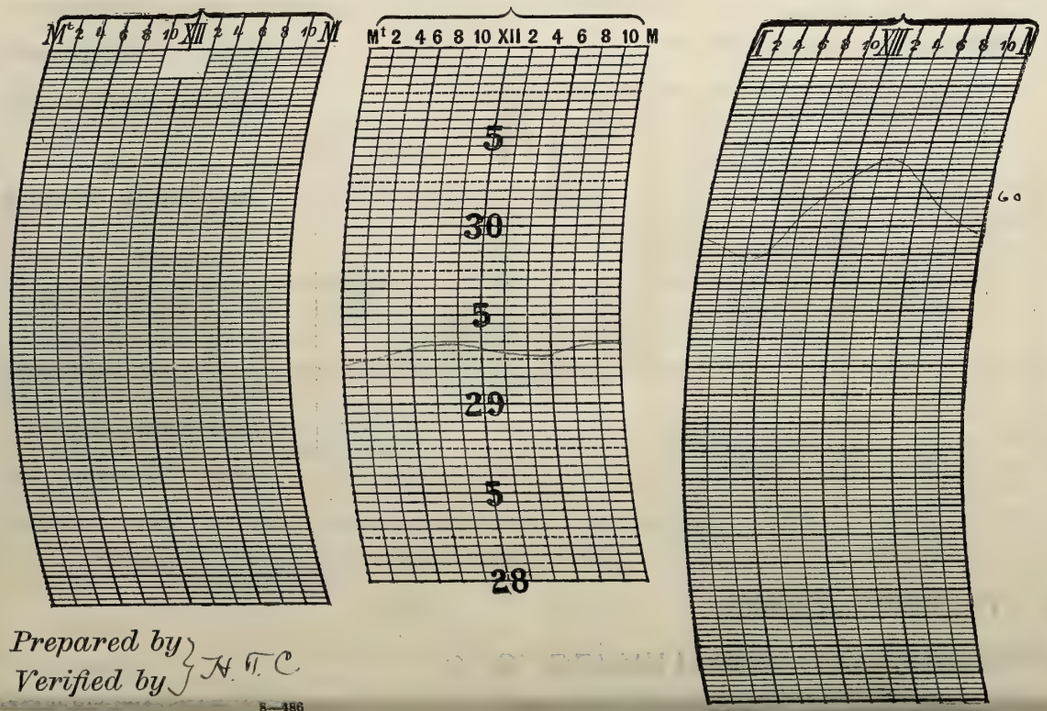
Maximum velocity,	Direction,	Time.
22	NE	7.44 a.m.

Relative humidity, 73 a. m. 53 p. m.

Reduced barometer, 30.24 a. m. 30.20 p. m.

River gage,

NOTES.



Prepared by
Verified by } H. T. C.

8—486

Form No. 1014—Mot 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 30 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	50	48	47	47	52	55	60	64	65	67	68	70	71	70	68	66	63	61	59	58	56	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				—			Clear								Clear									
Sunrise: Time, 5.05 Character, Clear																					Sunset: Time, 6.17 Character, Clear			
Sunshine (in tenths of hours)						0.2 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	2.8 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	9	10	8	7	8	10	11	12	14	16	15	14	14	15	13	13	9	8	9	8	7	7	7
Maximum velocities (exceeding 7 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	71	47		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 0. Moon phase,

Actual sunshine, hours, 13.2

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 100

Prevailing direction NE

Total movement, 254

Average hourly velocity, 10.6

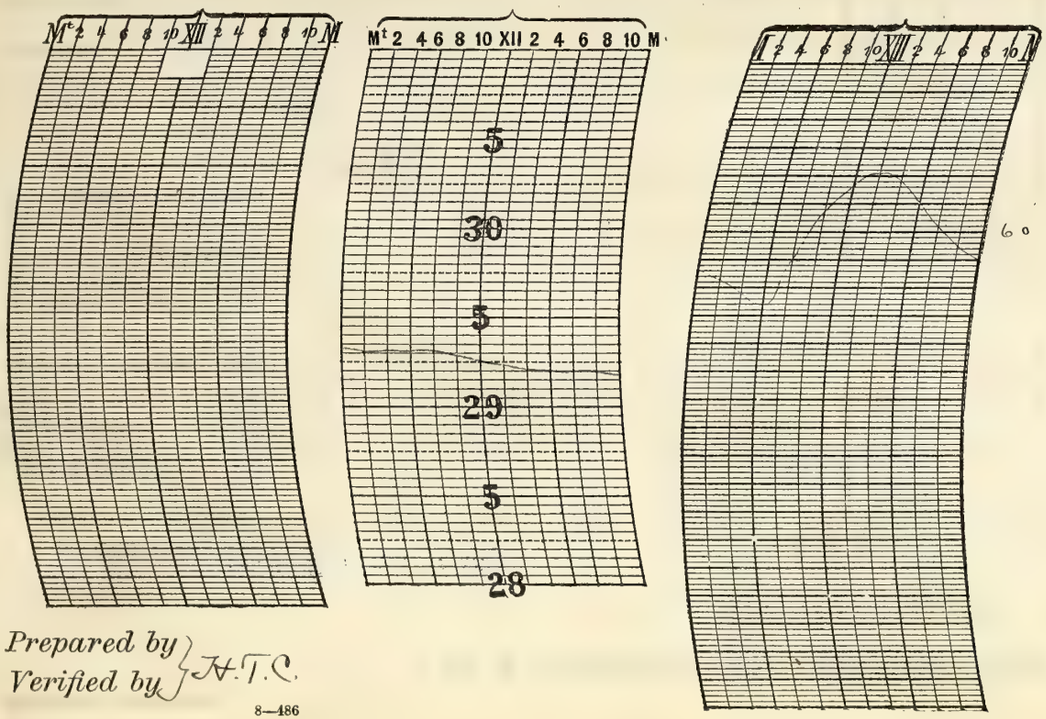
Maximum velocity,	Direction,	Time.
20	NE	10.22 a.m.

Relative humidity, 83 a. m. 65 p. m.

Reduced barometer, 30.24 a. m. 30.11 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 31 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	53	53	52	52	57	58	62	67	70	74	75	76	77	78	78	76	72	71	69	67	66	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Pt Cloudy →							← Clear											
Sunrise: Time, Character,	5.07 Cloudy																				Sunset: Time, Character, 6.16 Clear			
Sunshine (in tenths of hours)						0	0.1	0.8	0.3	0.4	0.4	0.5	0.8	1.0	1.0	1.0	0.2 0.8	1.0 0	.27 0					
Wind direction	NE	NE	NE	NE	NE	NE	E	NE	E	NE	E	N	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	4	6	6	4	3	1	3	2	2	3	2	4	6	7	9	7	7	5	6	5	6	6	6
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	52	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy, 7, Moon phase, First Quarter

Actual sunshine, hours, 8.6

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 65

Prevailing direction SW

Total movement, 116

Average hourly velocity, 4.8

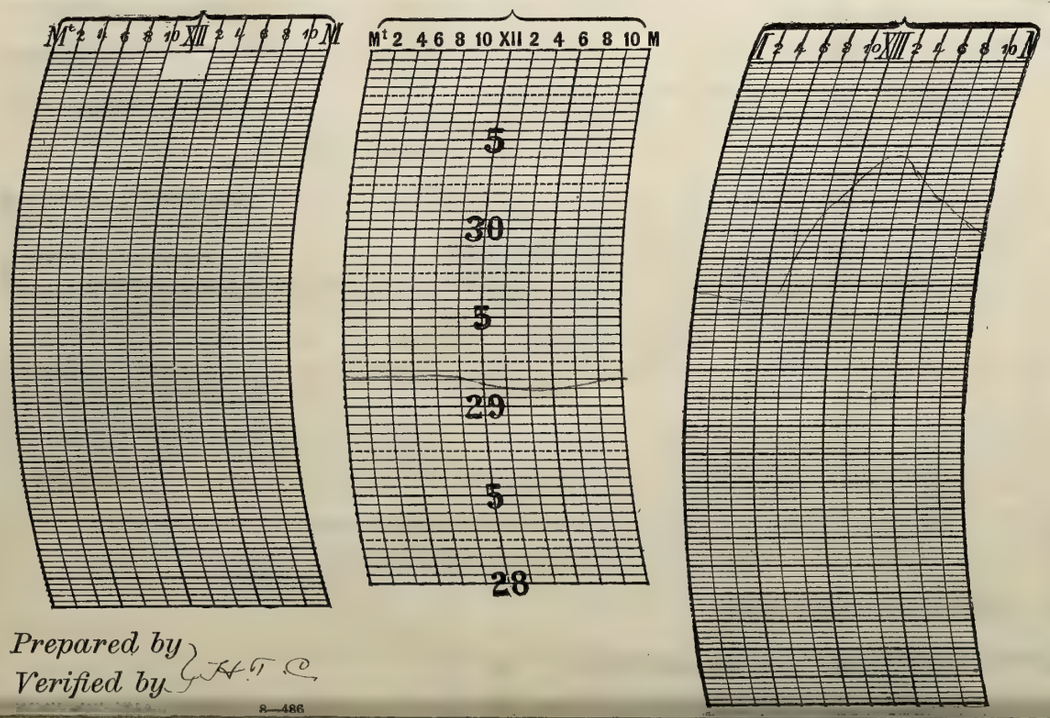
Maximum velocity,	Direction,	Time.
11	SW	4.08 p

Relative humidity, 88 a. m. 63 p. m.

Reduced barometer, 30.09 a. m. 30.02 p. m.

River gage,

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Sec. 2.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 1 1911, 191

Time (local standard), 75 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	62	62	60	59	59	63	67	73	78	82	86	87	87	88	87	86	83	80	79	76	74	73	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunrise: Time, 5.08 Character, Clear																					Sunset: Time, 6.14 Character, Clear			
Sunshine (in tenths of hours)						.87 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	.23 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SW	SW	SW
Wind movement	7	6	6	5	6	7	8	8	10	10	10	12	14	14	14	14	11	7	8	9	9	8	10	11
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
88	59	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 0. Moon phase,

Actual sunshine, hours, 13.1

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 224

Average hourly velocity, 9.3

Maximum velocity,	Direction,	Time.
17	SW	2.17 pm.

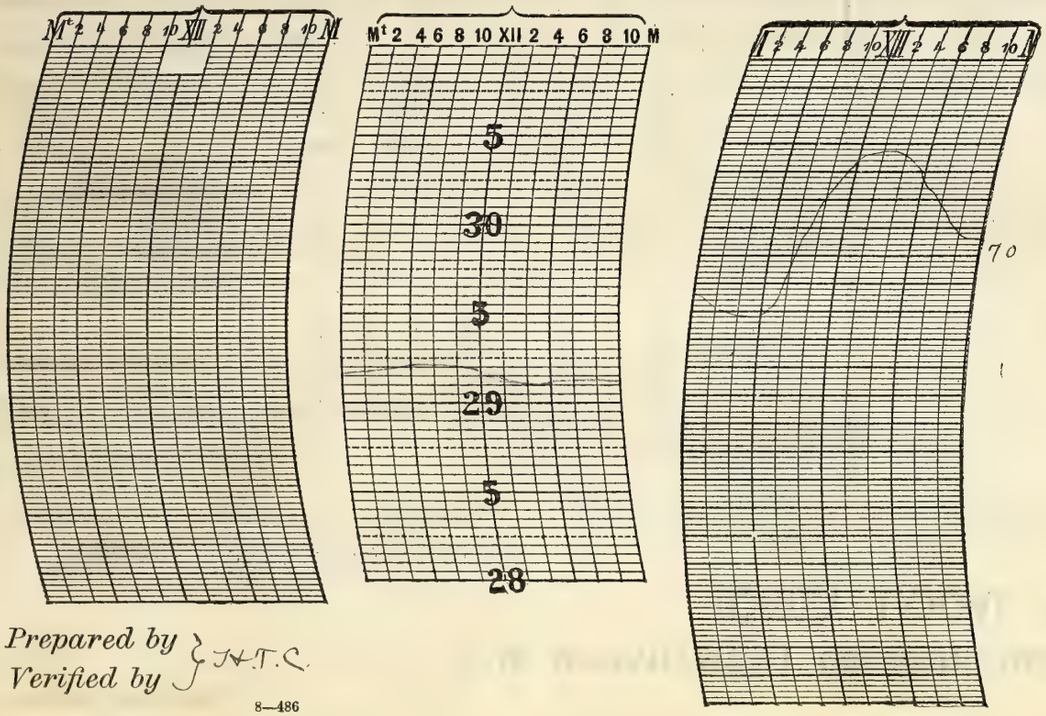
Ex 18

Relative humidity, 75 a. m. 50 p. m.

Reduced barometer, 30.11 a. m. 30.02 p. m.

River gage,

NOTES.



Prepared by } J.A.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 2 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	71	70	70	68	69	71	73	78	82	84	85	86	88	89	89	87	84	81	78	76	74	72	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	Clear							—	Clear										
Sunrise: Time, 5.09 Character, Clear																					Sunset: Time, 6.12 Character, Cloudy			
Sunshine (in tenths of hours)						.85 0	.8 .2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.4	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	N	N	N	N	N	NE
Wind movement	9	9	10	9	7	9	11	14	15	16	19	21	23	20	18	17	14	10	7	5	5	6	8	12
Maximum velocities (exceeding 1 miles)																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
89	68	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 2 Moon phase,

Actual sunshine, hours, 11.2

Possible sunshine, hours, 13.X6

Percentage of possible sunshine, 85

Prevailing direction SW

Total movement, 294

Average hourly velocity, 10.5

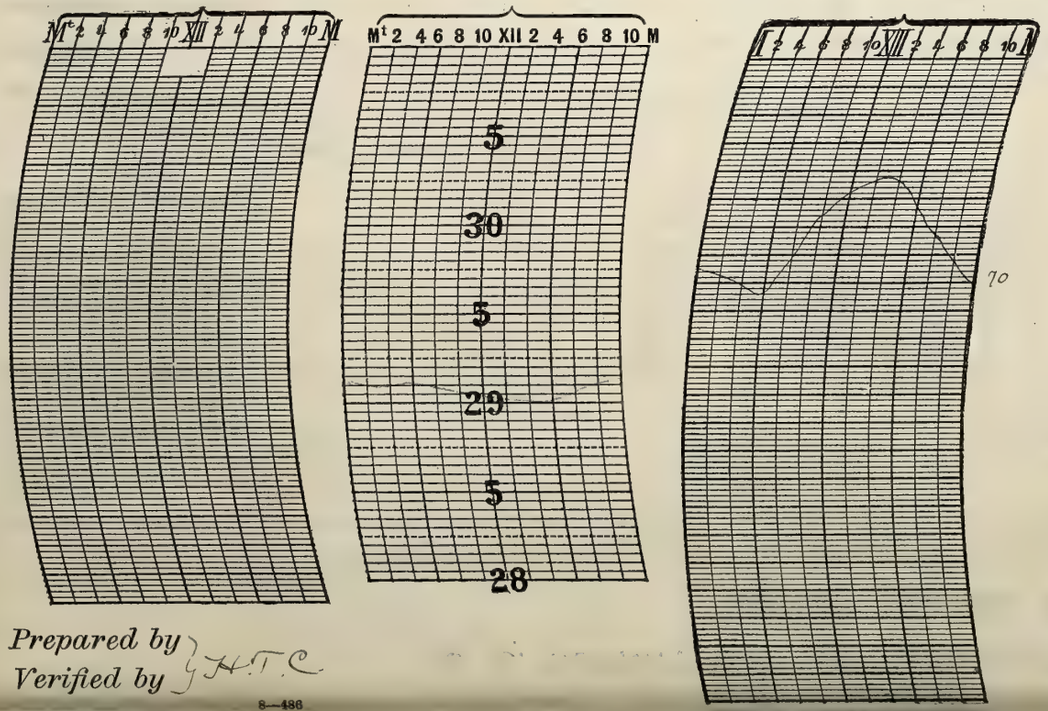
Maximum velocity,	Direction,	Time.
26	SW	11.35 Am.
& 30		

Relative humidity, 73 a. m. 52 p. m.

Reduced barometer, 30.01 a. m. 29.93 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1011—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 3 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	65	64	62	60	57	61	65	68	70	71	72	74	74	75	74	72	71	68	67	66	64	63	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	Clear				—			—	Clear					—					
Sunrise: Time, 5.10; Character, Clear																					Sunset: Time, 6.11; Character, Cloudy			
Sunshine (in tenths of hours)						83 0	02 0.8	1.0	1.0	1.0	1.0	1.0	+ 1.0	+ 1.0	+ 1.0	+ 1.0	+ 0.7	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	N	NE	NE	E	NE	NE	E	E	E	E
Wind movement	12	13	11	10	9	7	9	11	9	10	10	9	10	10	8	9	9	6	4	6	5	6	5	6
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

+ hourly units estimated by observations, sunshine recorder pen loose on pen holder

Maximum.	Minimum.	Mean.	Normal.
75	57	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 2. Moon phase,

Actual sunshine, hours, 11.5

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 88

Prevailing direction NE

Total movement, 204

Average hourly velocity, 8.5

Maximum velocity,	Direction,	Time.
17	NE	1.09 a.m.

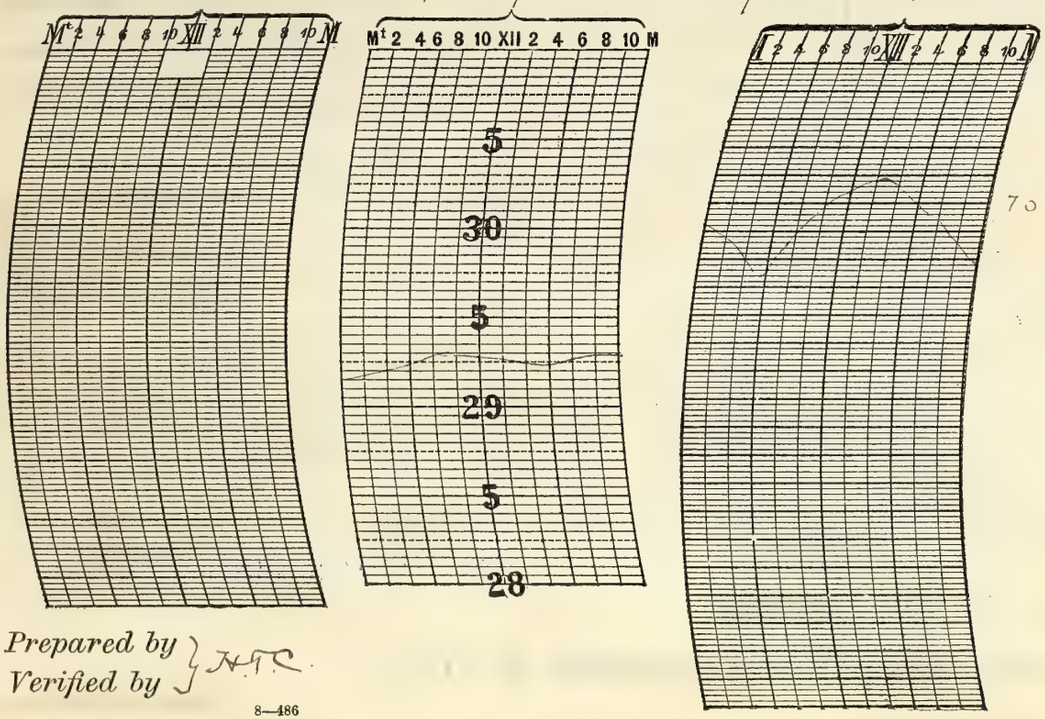
Ex 19.

Relative humidity, 63 a. m. 51 p. m.

Reduced barometer, 30.19 a. m. 30.16 p. m.

River gage,

NOTES.



Prepared by } HTC
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 4 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	59	57	56	55	54	59	62	65	69	72	74	76	78	80	80	79	77	74	71	69	66	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						—	Clear				—		—	Clear				—						
Sunrise: Time, Character,	5.11 Clear																				Sunset: Time, Character, 6.09 Cloudy			
Sunshine (in tenths of hours)						.82 0	.08 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0					
Wind direction	E	E	NE	NE	E	E	E	E	SE	SE	E	E	SE	E	SE	SE	E	E	E	E	E	E	E	E
Wind movement	4	5	7	7	6	6	7	8	8	7	6	6	5	6	6	5	6	5	6	6	7	8	7	7
Maximum velocities (exceeding ~~20~~ miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	54	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 2, Moon phase,

Actual sunshine, hours, 11.3

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 87

Prevailing direction E

Total movement, 151

Average hourly velocity, 6.3

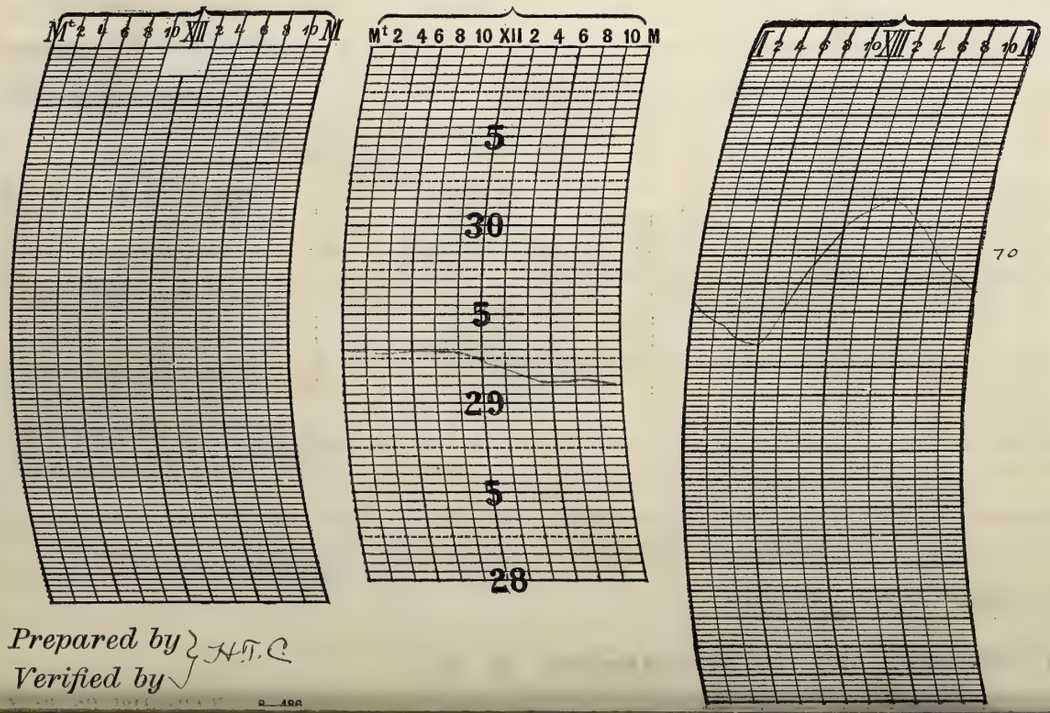
Maximum velocity,	Direction,	Time.
11	E	8.10 a.m.
~~E~~ 11		

Relative humidity, 69 a. m. 53 p. m.

Reduced barometer, 30.22 a. m. 30.03 p. m.

River gage,

NOTES.



Prepared by } H.T.C.
Verified by }

Form No. 1012—Met. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 5 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	62	61	62	63	65	66	66	66	66	67	66
Nature of precipitation and time of beginning and ending					RB DN	RE 6.00	RB 6.45			RE 9.30		RB 11.05
Amounts of precipitation					.01	.13	T	.06	.05	.01		.03
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 5.11 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	E	E	E	S	SW	W	W	SE	E	NE	NE
Wind movement	5	4	5	3	4	9	7	5	3	6	5	5

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	71	72	74	76	74	72	70	69	68	68	67
Nature of precipitation and time of beginning and ending	RE 12.30											
Amounts of precipitation	.01											
Cloudiness and other conditions				Cloudy								
Sunset: Time, 6.08 Character, Cloudy												
Sunshine (in tenths of hours)	0	0.4	0.1	0.9	0.3	0	0					
Wind direction	NE	NE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	2	7	7	6	7	7	8	8	8	8	9

State of weather.

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	61	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .14 ins.; to 7 p. m., .16 ins.

Total precipitation, midnight to midnight, .30 inches.

Character of day, Cloudy, 9 Moon phase,

Actual sunshine, hours, 1.7

Possible sunshine, hours, 12.75

Percentage of possible sunshine, 13

Prevailing direction SW

Total movement, 143

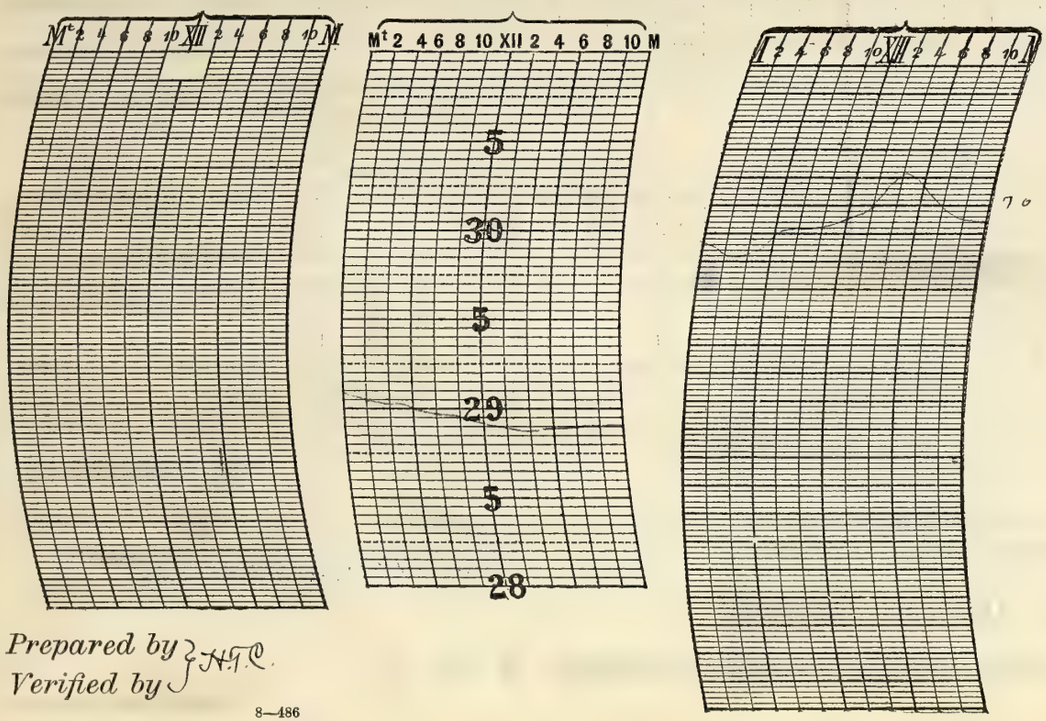
Average hourly velocity, 6.0

Maximum velocity,	Direction,	Time.
11 Ex. 11	SW	5.15 am

Relative humidity, 93 a. m. 85 p. m.

Reduced barometer, 29.90 a. m. 29.80 p. m.

River gage,



NOTES.

Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 6 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	67	66	64	62	63	65	66	64	66	67	67	69	70 69	68	68	67	67	65	64	63	63	63
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy							Cloudy											
Sunshine (in tenths of hours)	Sunrise: Time, 5.18 Character, Clear					0	0.1	0.9	0	0	0	0	0	0.2	0.3	0	0	0	0		Sunset: Time, 6.04 Character, Cloudy			
Wind direction	SW	W	W	NW	NW	W	W	W	W	NW	NW	NW	N	N	NW	NW	N	NE	NE	E	E	E	E	E
Wind movement	8	8	9	8	7	6	7	10	9	9	9	8	6	3	6	7	4	6	7	9	9	9	6	5
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	62	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy, 5. Moon phase,

Actual sunshine, hours, 3.2

Possible sunshine, hours, 12.9

Percentage of possible sunshine, 25

Prevailing direction NW

Total movement, 175

Average hourly velocity, 7.3

Maximum velocity, 13 Direction, N Time. 7.52 a.m.

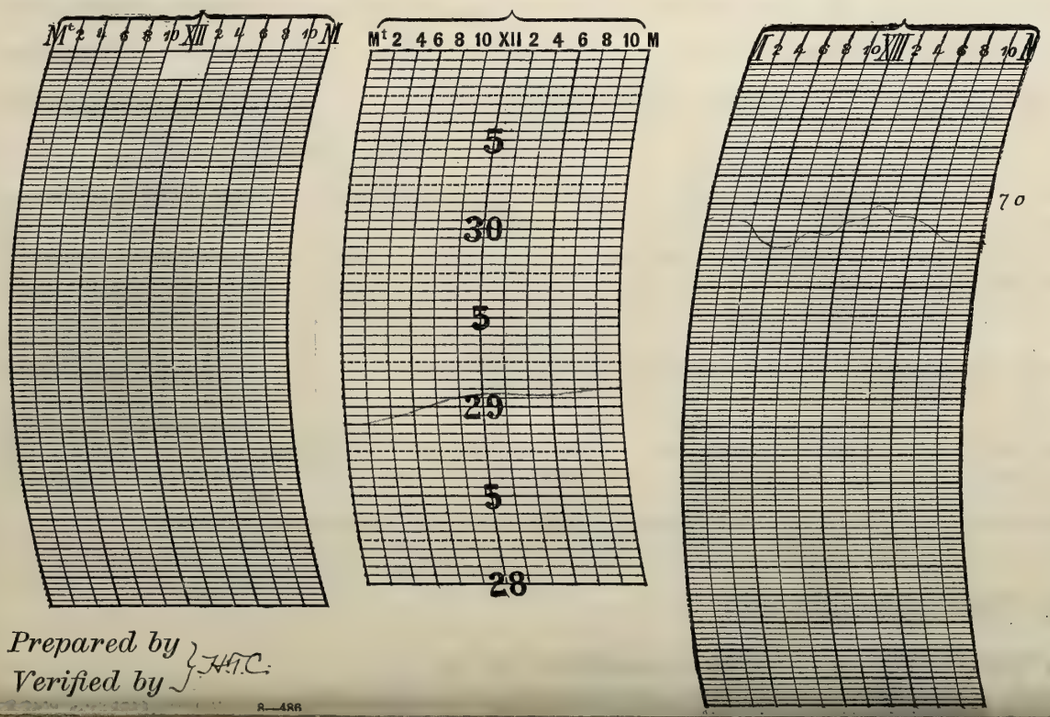
Ex. 14.

Relative humidity, 88 a. m. 87 p. m.

Reduced barometer, 29.93 a. m. 30.00 p. m.

River gage,

NOTES.



Prepared by
Verified by } J.H.T.C.

8—486

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 7 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	62	62	62	62	61	63	64	68	72	74	75	78	79	79	80	79	76	74	73	72	71	70	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt Cloudy →					← Clear											
Sunrise: Time, 5.13 Character, Cloudy																					Sunset: Time, 6.04 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0.2	0.5	1.0	1.0	1.0	1.0	1.0	0.6	0.2	0	0	0					
Wind direction	E	E	SE	SE	NE	E	E	E	SW	NW	NW	N	N	NE	N	NW	N	N	N	N	N	NE	N	NE
Wind movement	7	7	5	5	8	8	6	3	4	10	9	8	5	5	5	7	6	6	2	3	3	4	3	5
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy, 6, Moon phase,

Actual sunshine, hours, 6.5

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 51

Prevailing direction N

Total movement, 134

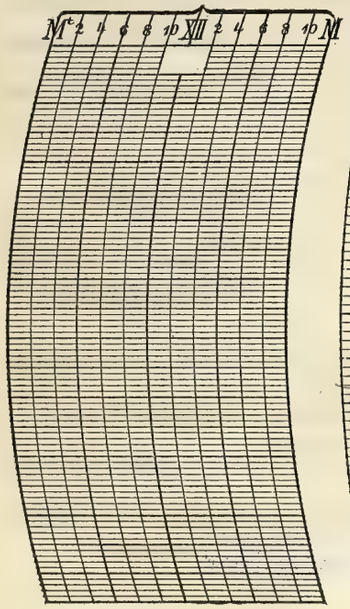
Average hourly velocity, 5.6

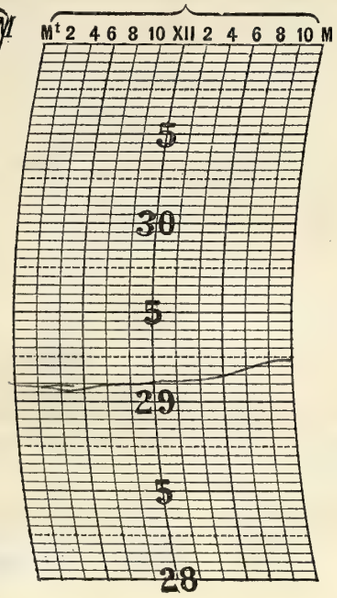
Maximum velocity, 15 Ex. 16 Direction, NW Time. 4.20 a.m.

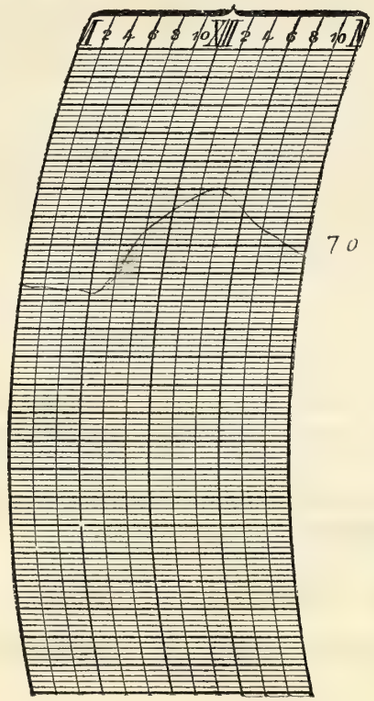
Relative humidity, 92 a. m. 72 p. m.

Reduced barometer, 29.98 a. m. 30.06 p. m.

River gage,







NOTES.

Prepared by
Verified by } H.T.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 8 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	65	65	65	65	65	66	67	68	69	70	74	74	75	76	75	74	73	71	70 RB 7.05	68	67 RE DN.	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																				T	T	T		
Cloudiness and other conditions								Cloudy							Cloudy									
Sunrise: Time, 5.14 Character, Cloudy																					Sunset: Time, 6.03 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0.1	0.9	1.0	0.3	0.3	0.2	0	0	0	0					
Wind direction	NE	NE	NE	E	E	E	E	E	NE	E	E	E	E	E	NE	NE	NE	NE	NE	E	NE	NE	E	E
Wind movement	5	5	7	8	8	7	6	6	8	7	7	7	7	6	7	8	8	7	6	7	7	8	7	5
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	65	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 T inches.

Character of day, Cloudy 8 Moon phase, Full Moon

Actual sunshine, hours, 2.8

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 22

Prevailing direction E

Total movement, 164

Average hourly velocity, 6.8

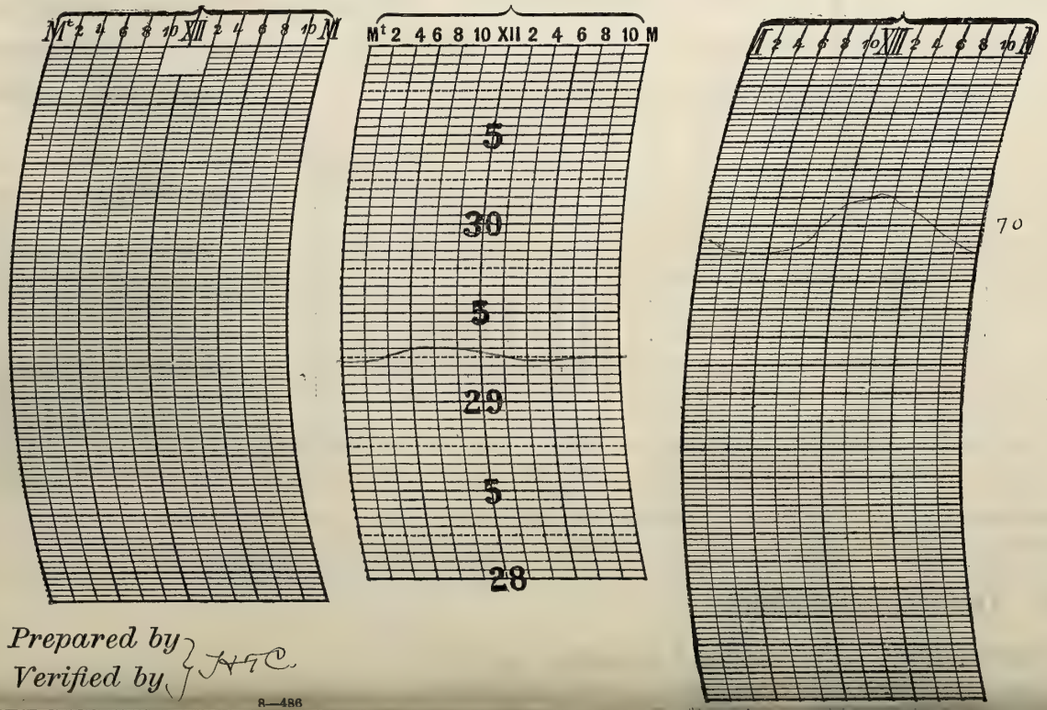
Maximum velocity, 11 Ex 11 Direction, NE Time. 9.20 p.m.

Relative humidity, 93 a. m. 82 p. m.

Reduced barometer, 30.21 a. m. 30.15 p. m.

River gage,

NOTES.



Prepared by
Verified by } HTC

8—486

FORM NO. 1012—MOD 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 9 1911, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	64	64	63	62	62	62	62	62	65	68	74	75	78	79	78	78	76	74	72	70	67	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—		Cloudy				—		—		Cloudy				—					
Sunshine (in tenths of hours)						0	0	0	0	0	0.7	1.0	0.6	0.9	0.5	0.1	0	0	0					
Wind direction	NE	NE	NE	NE	N	N	NE	NE	NE	NE	NE	NE	NE	N	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	4	4	6	7	3	3	3	5	5	6	5	4	3	4	5	5	6	3	4	4	2	6	5	2
Maximum velocities (exceeding 29 miles)																								

Sunrise: Time, 5.15; Character, Cloudy

Sunset: Time, 6.01; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	62	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 8 Moon phase,

Actual sunshine, hours, 3.8

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 30

Prevailing direction, N & E

Total movement, 104

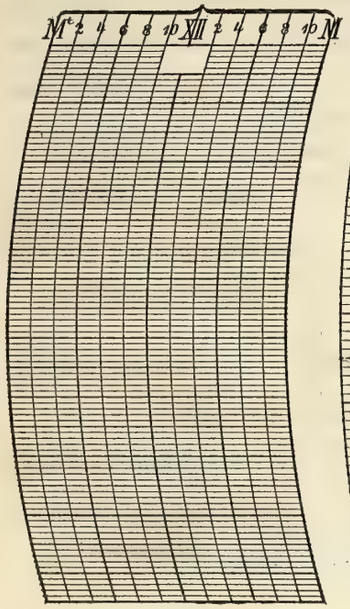
Average hourly velocity, 4.3

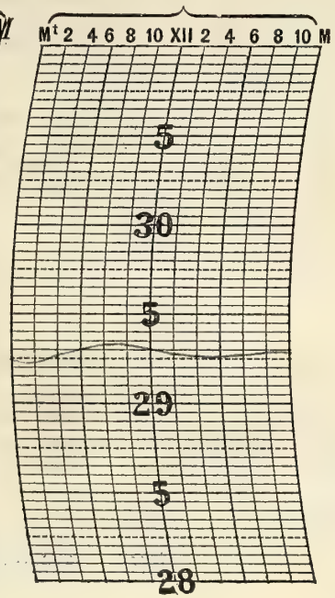
Maximum velocity, 10 Ex 10 Direction, N Time. 3.00 a.m.

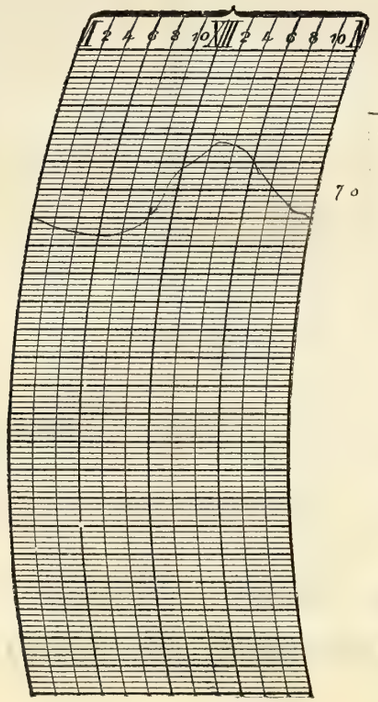
Relative humidity, 100 a. m. 72 p. m.

Reduced barometer, 30.23 a. m. 30.16 p. m.

River gage,







NOTES.

Light fog prevailed during the early morning and lifted at 7.30 a.m

Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 10 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	63	62	61	60	60	63	69	72	75	77	78	79	78	77	77	75	73	71	70	68	68	68	65
																	RB 4.20			RE 7.25				
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																	T	T	.02	.02				
Cloudiness and other conditions								Clear							Cloudy									
	Sunrise: Time, 5.16 Character, Cloudy																				Sunset: Time, 5.59 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0.9	1.0	1.0	1.0	1.0	0.5	0	0	0	0	0						
Wind direction	NW	NW	N	0	NW	NW	NW	W	NE	NE	E	SE	S	S	SW	SW	SE	E	E	SE	NE	NE	SE	N
Wind movement	3	2	2	0	1	1	2	1	4	6	4	5	6	5	4	1	2	3	3	2	3	2	3	1
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	60	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Pt. Cloudy, 7. Moon phase,

Actual sunshine, hours, 5.4

Possible sunshine, hours, 12.7

Percentage of possible sunshine, 43

Prevailing direction NW

Total movement, 66

Average hourly velocity, 2.8

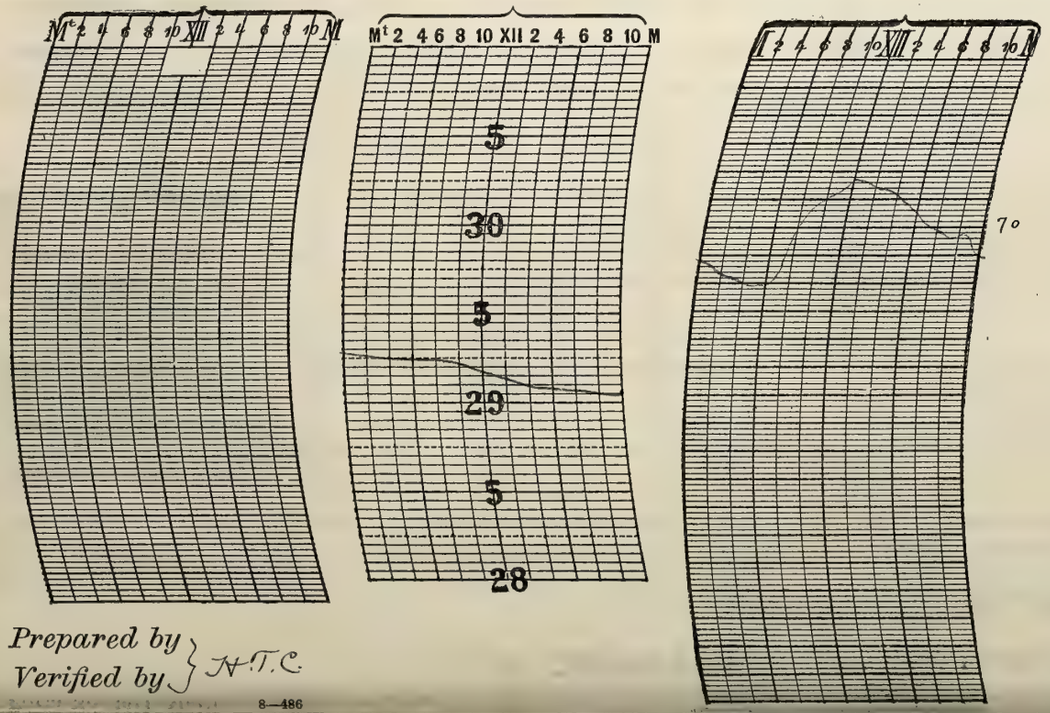
Maximum velocity,	Direction,	Time.
7 Ex. 7	NE	9.10 a.m.

Relative humidity, 87 a. m. 98 p. m.

Reduced barometer, 30.15 a. m. 29.97 p. m.

River gage,

NOTES.



Prepared by
Verified by } N.T.C.

8—486

Form No. 1012—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 11 1911, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	63	63	62	61	61	64	68	71	74	76	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						—		Clear		—		
Sunrise: Time, 5.17 Character, Clear												
Sunshine (in tenths of hours)						.72 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	NE	NE	NE	N	W	SW	SW
Wind movement	6	4	5	5	4	4	3	1	3	4	6	8
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	82	83	84	83	81	77	76	72	72	71	70	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						—		Clear		—		
Sunset: Time, 5.57 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2 0.8	0						
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	W	~~W~~ E
Wind movement	11	9	9	9	11	9	10	10	9	9	7	3

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	61	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 0. Moon phase,

Actual sunshine, hours, 12.7

Possible sunshine, hours, 12.7

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 159

Average hourly velocity, 6.6

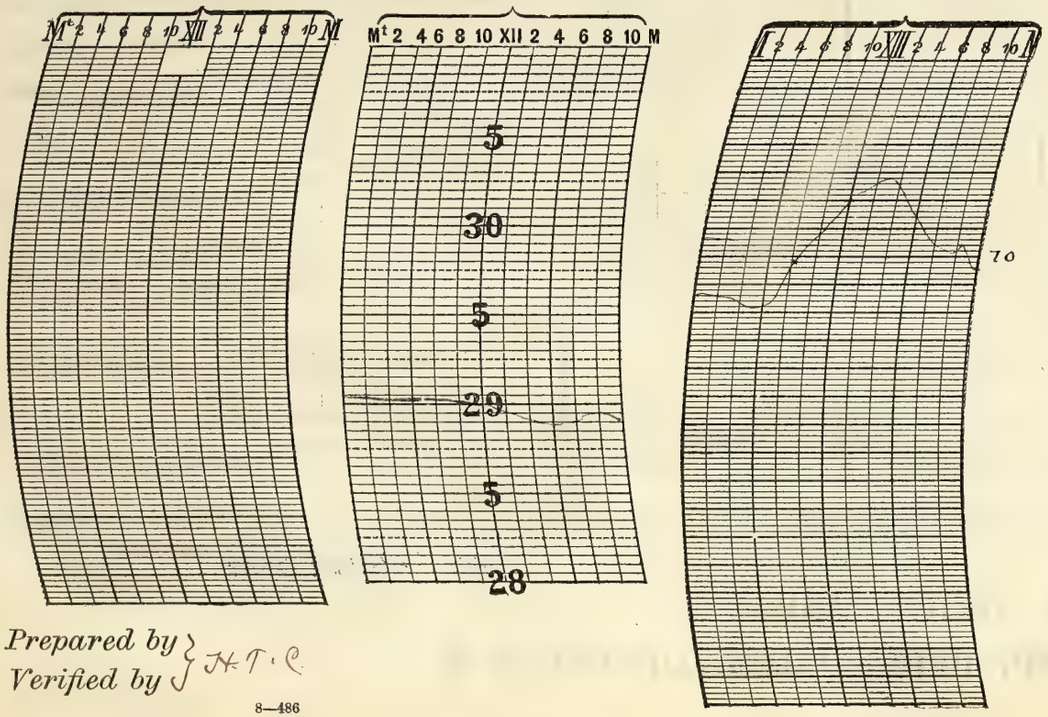
Maximum velocity,	Direction,	Time.
13	SW	4.20 p.m.
Ex. 13		

	a. m.	p. m.
Relative humidity,	89	65
Reduced barometer,	29.93	29.79

River gage,

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by } H. T. C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 12 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	68	68	66	63	62	63	61	63	65	66	68	70	72	72	69	67	64	63	59	58	57	56	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt cloudy							Clear										
Sunrise: Time, Character,	5.19 Clear																				Sunset: Time, Character,		5.56 Clear	
Sunshine (in tenths of hours)						68 0	0.7 0.3	0.5	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	9.3 0						
Wind direction	SE	SW	SW	NW	N	N	N	N	N	N	N	N	N	N	NW	NW	N	N	N	NE	NE	NE	E	E
Wind movement	5	8	8	10	10	8	8	11	10	11	13	10	13	11	12	11	9	7	5	6	7	4	5	3
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	56	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 2. Moon phase,

Actual sunshine, hours, 11.0

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 87

Prevailing direction N

Total movement, 205

Average hourly velocity, 8.5

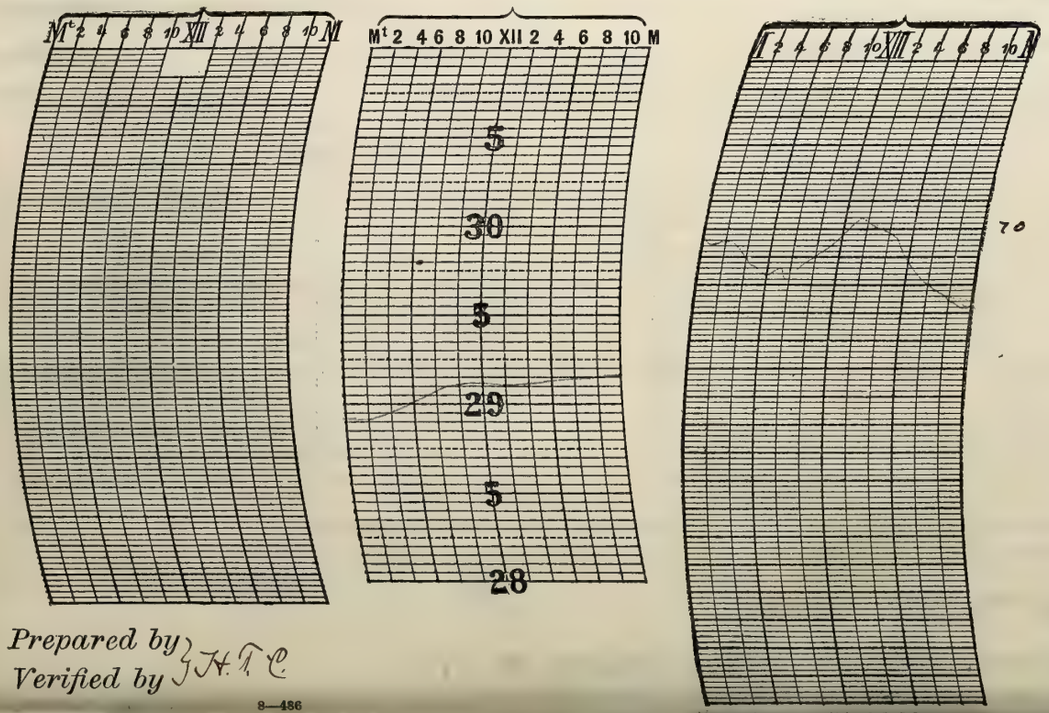
Maximum velocity, 17 Ex 18. Direction, NW Time. 1255 p.m.

Relative humidity, 82 a. m. 47 p. m.

Reduced barometer, 29.94 a. m. 30.03 p. m.

River gage,

NOTES.



Prepared by
Verified by } J.H.T.C

8—486

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 13 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	53	52	52	52	53	55	56	59	62	64	66
State of weather: Nature of precipitation and time of beginning and ending		RB DN	RE DN				RB 6.20 RE 6.35					
Amounts of precipitation		.02	.01				T					
Cloudiness and other conditions						— Pt cloudy —						
Sunrise: Time, 5.20; Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0.6	1.0	1.0	1.0
Wind direction	NE	NE	NE	E	E	E	SE	E	E	E	E	E
Wind movement	4	6	8	8	6	4	3	5	7	7	9	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	67	67	68 67	65	63	61	58	56	55	53	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				— Clear —								
Sunset: Time, 5.54; Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	SE
Wind movement	10	9	11	6	8	7	8	7	7	7	5	5

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	68	52	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Pt Cloudy 4 Moon phase,

Actual sunshine, hours, 8.0

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 63

Prevailing direction, E

Total movement, 166

Average hourly velocity, 6.9

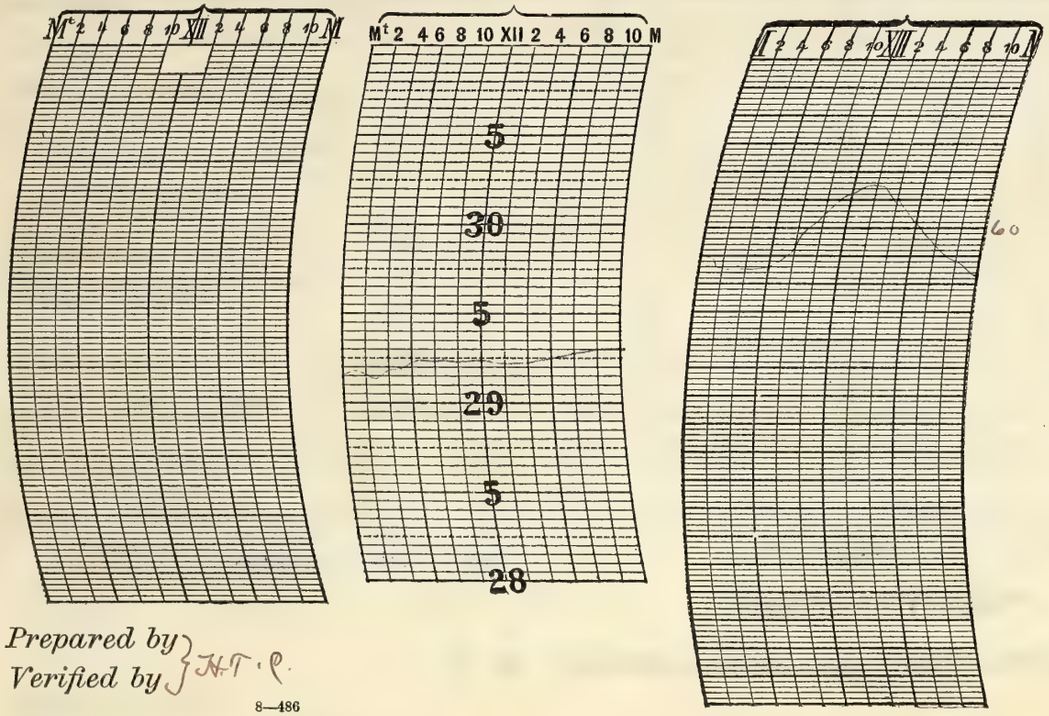
Maximum velocity, 13 Direction, E Time, 11.30 a.m.

Ex. 13

Relative humidity, 83 a. m. 61 p. m.

Reduced barometer, 30.19 a. m. 30.17 p. m.

River gage,



NOTES.

Prepared by
Verified by } H.T.P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 14 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	51	50	48	48	49	52	51	52	50	51	54
State of weather: Nature of precipitation and time of beginning and ending								RB 7.03				RB 11.35
Amounts of precipitation								T	.05	.23	.15	.01
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 5.21 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SE	E	E	E	E	E	E	NE	SE	SE	SE	SE
Wind movement	5	6	7	5	6	4	4	7	3	8	17	16

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	67	74	73	72	70	70	69	68	70	72	75
State of weather: Nature of precipitation and time of beginning and ending								RB 7.40	RB 8.15			
Amounts of precipitation								.01	.02			
Cloudiness and other conditions		Pt Cloudy										
Sunset: Time, 5.52 Character, Cloudy												
Sunshine (in tenths of hours)	0	0.6	1.0	1.0	0.1	0						
Wind direction	S	S	S	S	S	S	S	SW	S	SW	SW	SW
Wind movement	13	12	15	17	15	10	10	13	15	13	14	15

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
75	48	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .44 ins.

Total precipitation, midnight to midnight, .47 inches.

Character of day, Cloudy & Moon phase,

Actual sunshine, hours, 2.7

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 22

Prevailing direction S

Total movement, 250

Average hourly velocity, 10.4

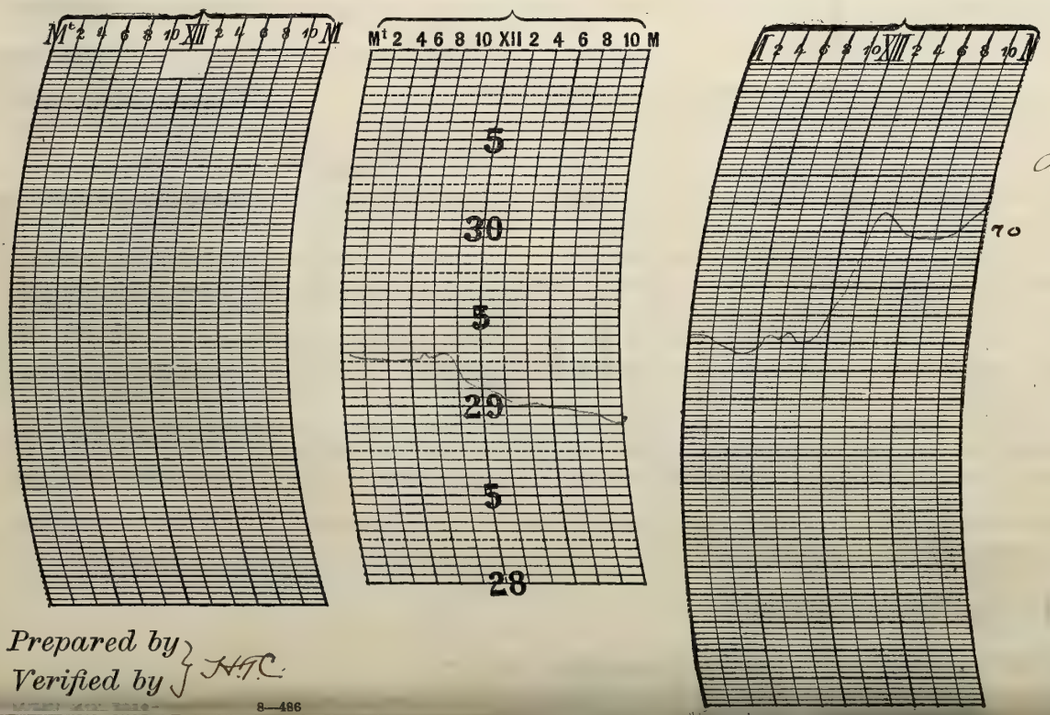
Maximum velocity, 21 Direction, S Time. 3.38 p.m.

Ex 21

Relative humidity, 75 a. m. 86 p. m.

Reduced barometer, 30.17 a. m. 29.92 p. m.

River gage,



NOTES.

a light thunderstorm occurred at 11.00 a.m. and at 8.00 p.m.

Prepared by } H.T.C.
Verified by }

8—486

Form No. 1011—Met I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 15 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	71	71	73	71	70	70	70	70	72	74	77
State of weather: Nature of precipitation and time of beginning and ending		RB DN RE DN.		RB DN		RE DN						
Amounts of precipitation		.53		.15	.04	.01						
Cloudiness and other conditions						Cloudy						
Sunrise: Time, 5.21 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0.3	0.9	1.0
Wind direction	SW	SW	SW	W	W	W	SW	W	NW	NW	N	NW
Wind movement	19	18	8	12	9	5	4	5	6	7	3	4
Maximum velocities (exceeding 24 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	78	78	77	76	75	74	72	71	70	69	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy									
Sunset: Time, 5.51 Character, Cloudy												
Sunshine (in tenths of hours)	0.6	0.4	0	0	0	0						
Wind direction	SW	W	W	SW	NW	NW	W	W	W	NW	NW	N
Wind movement	8	7	7	5	3	4	4	5	3	5	3	1
Maximum velocities (exceeding 24 miles)	30 W 1.10											

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	68	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .76 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .73 inches.

Character of day, Cloudy 8 Moon phase Last Quarter

Actual sunshine, hours, 3.2

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 26

Prevailing direction W

Total movement, 157

Average hourly velocity, 6.6

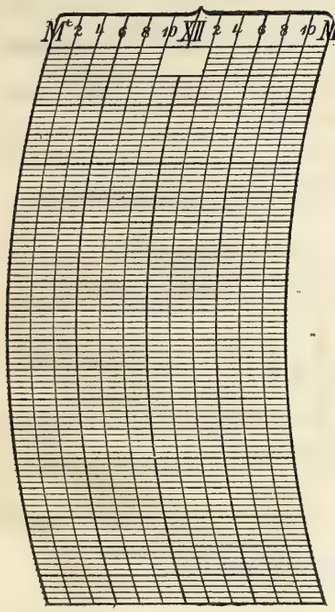
Maximum velocity,	Direction,	Time.
30	W	1.10 AM
Ex 39		

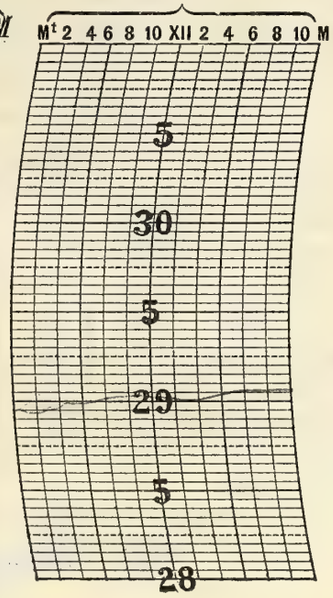
Relative humidity, 99 a. m. 72 p. m.

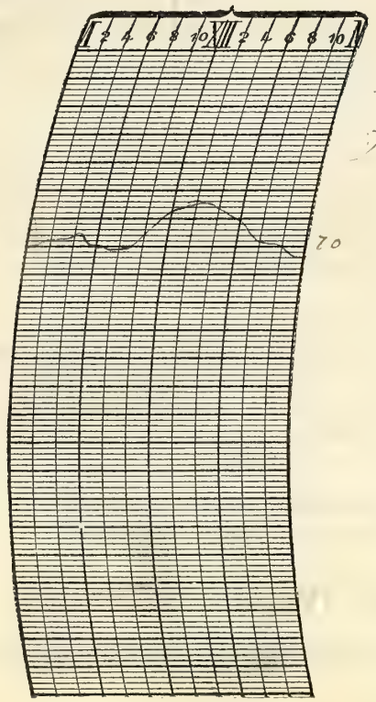
Reduced barometer, 29.92 a. m. 29.95 p. m.

River gage,

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	DN.a	DNa	.53	1.08a	1.38a	T	.13	.20	.32	.42	.51	.53								







NOTES.

Severe thunderstorms passed over the station at 2.00 a.m and 4.00 a.m

Prepared by
Verified by } H.T.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 16 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	68	68	65	65	62	63	66	69	73	75	76	78	80	81	80	80	76	75	72	70	67	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				cloudy	→					clear						clear								
Sunshine (in tenths of hours)	Sunrise: Time, 5.22 Character, Cloudy					0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.2 0			Sunset: Time, 5.49 Character, Clear			
Wind direction	SW	SW	SW	SW	0	N	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	SW	SW	SW	NW	0
Wind movement	4	3	1	2	0	1	4	4	4	7	7	8	7	9	6	6	5	4	5	3	3	2	3	0
Maximum velocities (exceeding 29 miles)																								

	Maximum.	Minimum.	Mean.	Normal.
	81	62	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt cloudy 4 Moon phase,

Actual sunshine, hours, 9.6

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 77

Prevailing direction SW

Total movement, 98

Average hourly velocity, 4.1

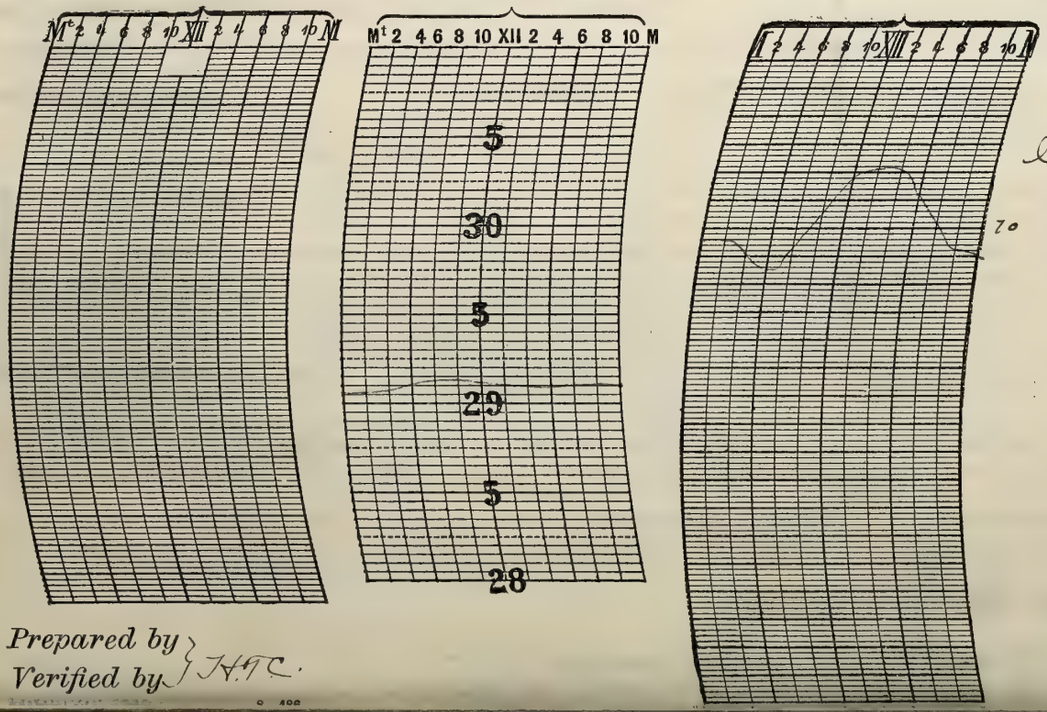
Maximum. velocity,	Direction,	Time.
11	SW	11.30 a m
Ex 11		

Relative humidity, 100 a. m. 70 p. m.

Reduced barometer, 30.03 a. m. 30.01 p. m.

River gage,

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

Dense fog prevailed during the early morning and lifted at 8.30 a.m

Prepared by }
Verified by } J.H.T.C.

Form No. 1012—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 17 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	62	61	61	59	61	62	69	77	79	80	81	82	82	80	80	79	78	75	72	71	71	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt Cloudy						Clear											
Sunrise: Time, 5.23 Character, Cloudy																					Sunset: Time, 5.45 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.5	1.0	0.9	1.0	1.0	0.9	0.6	0	0.2	0	0					
Wind direction	NW	NW	NW	NE	E	E	E	E	SE	S	S	SE	SE	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	1	1	1	4	5	5	4	2	2	7	10	9	10	9	11	8	6	6	7	6	6	8	10	9
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	59	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy 5 Moon phase,

Actual sunshine, hours, 6.1

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 49

Prevailing direction SE

Total movement, 147

Average hourly velocity, 6.1

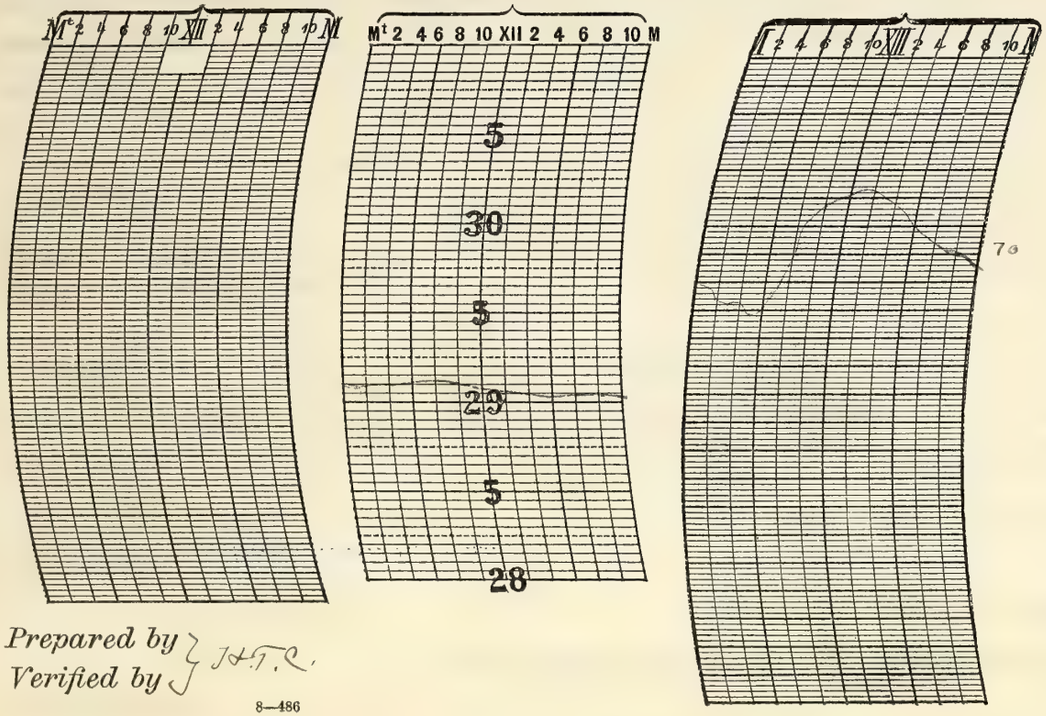
Maximum velocity,	Direction,	Time.
14 Ex. 14	S	2.16 p.m.

Relative humidity, 79 a. m. 66 p. m.

Reduced barometer, 30.03 a. m. 29.94 p. m.

River gage,

NOTES.



Prepared by } J.H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 18 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	68	69	69	65	65	66	68	69	72	76	80	81	81	81	79	76	74	73	72	71	72	71	70
					R B 4.50				R E 8.20															
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation					T	.81	.07	.03	.01															
Cloudiness and other conditions								Cloudy							Pt Cloudy									
Sunrise: Time, 5.24 Character, Cloudy																					Sunset: Time, 5.46 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0.8	1.0	1.0	1.0	0.9	0	0	0						
Wind direction	SE	SE	S	S	S	NW	NE	SE	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW
Wind movement	10	8	10	9	12	12	8	11	4	6	7	4	8	12	10	7	7	6	6	6	6	7	9	6
Maximum velocities (exceeding 27 miles)																								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
81	65	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .88 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .92 inches.

Character of day, Cloudy 8. Moon phase,

Actual sunshine, hours, 4.7

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 38

Prevailing direction, SW

Total movement, 191

Average hourly velocity, 8.0

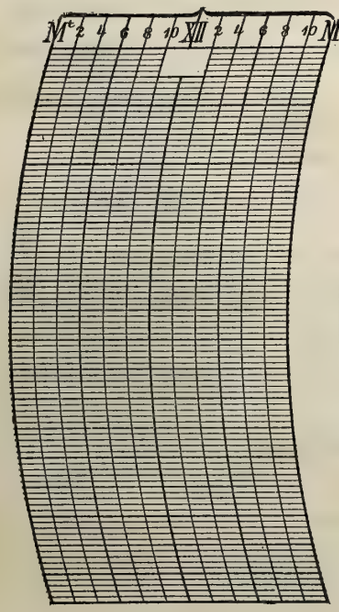
Maximum velocity,	Direction,	Time.
21 Ex 24,	NW	5.15 a.m.

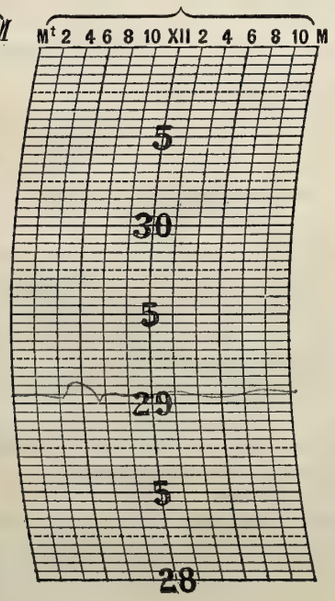
Relative humidity, 100 a. m. 86 p. m.

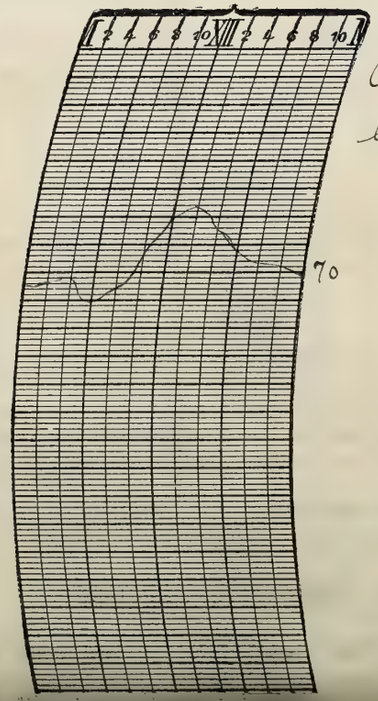
Reduced barometer, 30.00 a. m. 29.94 p. m.

River gage,

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	4.50 a	8.20 a	.88 .92	5.09 a	~~6.09~~ 5.39 a	.02	.18	.32	.45	.55	.65	.75	~~.77~~	~~.78~~	~~.79~~	~~.79~~	.81			







NOTES.

A moderate thunderstorm accompanied by heavy rainfall occurred at 5.00 a.m.

Prepared by
Verified by } H.T.C.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 19 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	66	64	63	62	60	61	62	65	67	69	69	70	70	71	71	70	64	63	59	58	57	55	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						—		Clear			—		—		Clear			—						
	Sunrise: Time, 526		Character, Cloudy																		Sunset: Time, 547		Character, Clear	
Sunshine (in tenths of hours)						0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 (0.2)	0 (.73)						
Wind direction	NW	NW	NW	N	N	NW	NW	NW	N	N	N	NW	NW	NW	NW	N	N	NW	NW	NW	NW	N	N	N
Wind movement	8	13	11	11	9	8	7	10	14	12	11	13	14	13	12	11	9	8	7	7	8	8	7	7
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	71	55	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy 4 Moon phase,

Actual sunshine, hours, 9.7

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 79

Prevailing direction NW

Total movement, 238

Average hourly velocity, 9.9

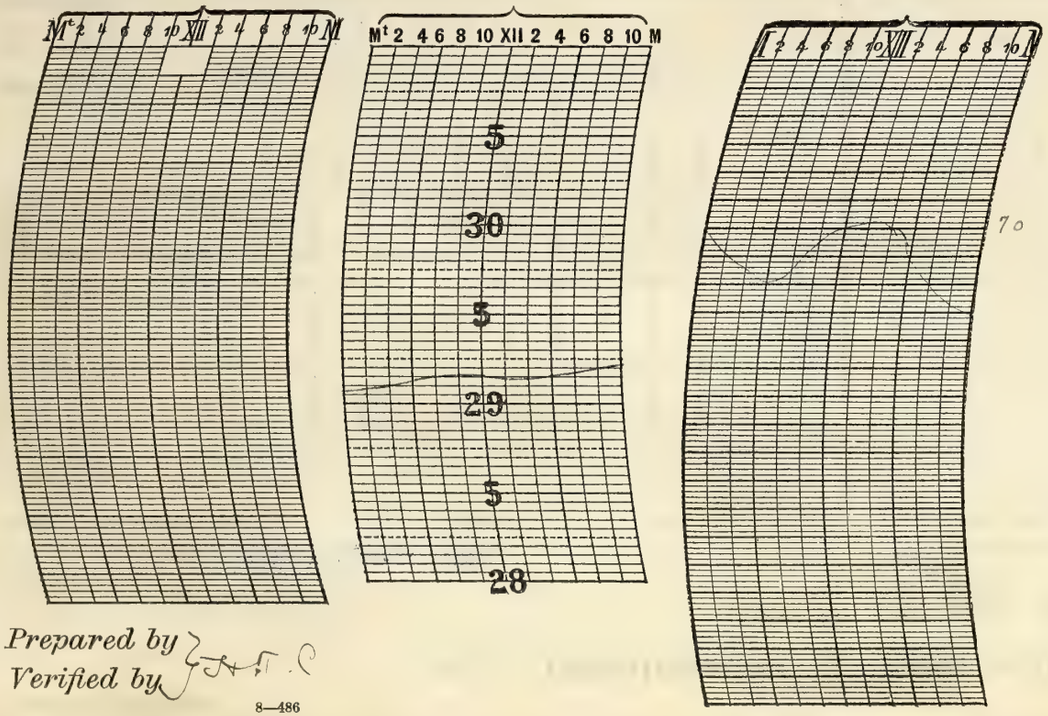
Maximum velocity,	Direction,	Time.
16	N	8.25 a. m
Ex 17		

Relative humidity, 75 a. m. 65 p. m.

Reduced barometer, 30.05 a. m. 30.08 p. m.

River gage,

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 20 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	53	52	51	51	52	55	59	62	65	68	69	70	71	71	71	70	66	64	62	60	59	59	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunrise: Time, 5.27 Character, Clear																					Sunset: Time, 5.42 Character, Cloudy			
Sunshine (in tenths of hours)						0.5 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0						0
Wind direction	N	N	N	N	NE	NE	NE	NE	E	E	E	NE	E	E	E	E	E	E	E	E	E	E	SE	E
Wind movement	4	3	5	5	5	4	4	6	7	8	9	10	8	6	8	5	7	5	7	8	8	8	8	7
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
71	51	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 2. Moon phase,

Actual sunshine, hours, 10.4

Possible sunshine, hours, 12.42

Percentage of possible sunshine, 85

Prevailing direction, E

Total movement, 155

Average hourly velocity, 6.5

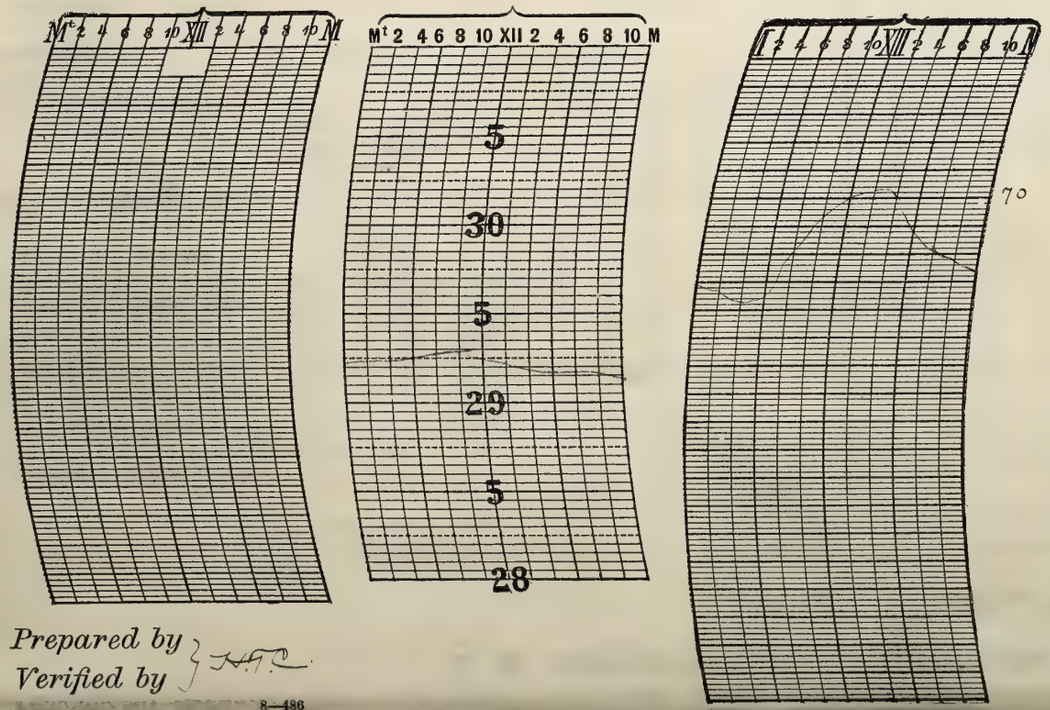
Maximum velocity,	Direction,	Time.
13 Ex. 14	NE	11.20 a.m.

Relative humidity, 66 a. m. 63 p. m.

Reduced barometer, 30.19 a. m. 30.08 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 21 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	56	56	56	55	55 (53)	54	55	57	60	64	66
State of weather: Nature of precipitation and time of beginning and ending						RB 6.40			RE 8.20			
Amounts of precipitation						.02	.15	.02	.01			
Cloudiness and other conditions						Cloudy						
Sunrise: Time, 5.27 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	E	E	E	E	NE	E	E	SE	S	SW	SW
Wind movement	8	8	8	6	6	5	7	5	6	8	12	14
Maximum velocities (exceeding 20 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	67	68	65	64	62	61	60	59	57	55	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunset: Time, 5.41 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0.2	0	0						
Wind direction	W	W	W	W	NW	W	W	W	NW	NW	NW	NW
Wind movement	12	11	9	12	13	9	8	7	10	9	6	5
Maximum velocities (exceeding miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
68	53	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .17 ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .20 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0.2

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 2

Prevailing direction E

Total movement, 204

Average hourly velocity, 8.5

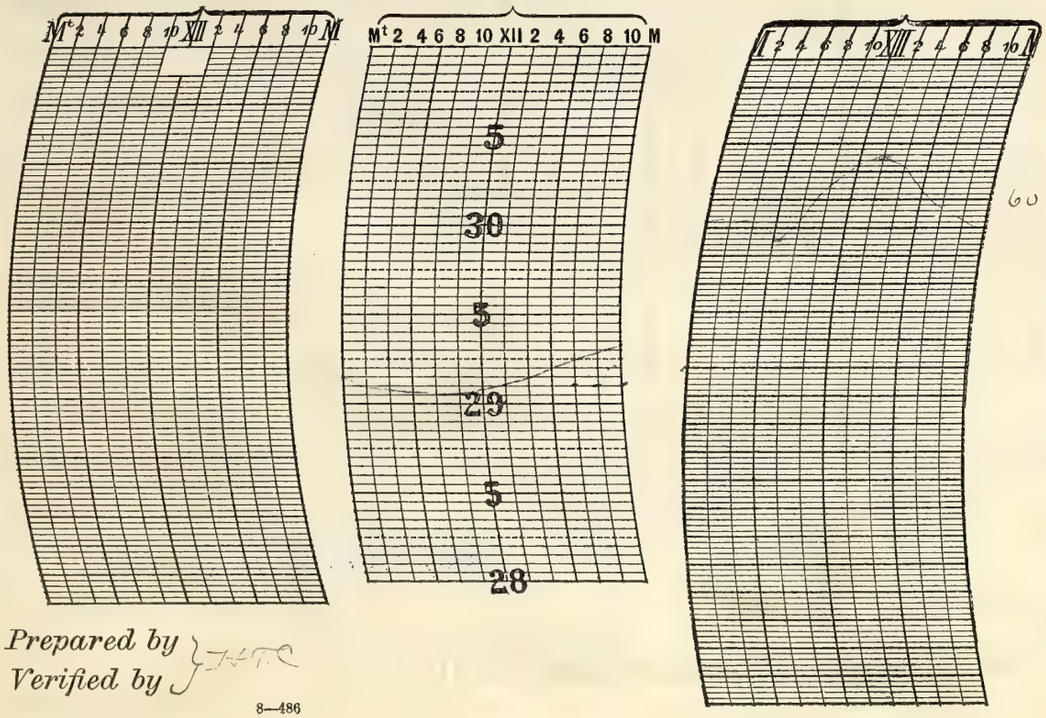
Maximum velocity,	Direction,	Time.
17 Ex. 17	NE	11.00 a.m.

Relative humidity, 95 a. m. 58 p. m.

Reduced barometer, 29.95 a. m. 30.10 p. m.

River gage,

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 22, 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	53	52	52	53	53	55	59	62	64	66	67	68	69	68	68	68	66	64	62	58	58	56	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear									Clear								
Sunshine (in tenths of hours)						53 0	0.5 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.7 0.3	65 0						
Wind direction	NW	N	NE	NE	N	N	N	NE	NE	NE	NE	E	NE	SE	SE	SE	SE	S	O	S	NE	E	E	E
Wind movement	3	4	3	6	6	4	5	8	8	8	7	7	9	6	8	7	5	2	0	2	6	8	8	6
Maximum velocities (exceeding 27 miles)																								

Sunrise: Time, 5.28 Character, Clear

Sunset: Time, 5.39 Character, Clear

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	52	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 0. Moon phase, New Moon

Actual sunshine, hours, 12.0

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 98

Prevailing direction NE

Total movement, 136

Average hourly velocity, 5.7

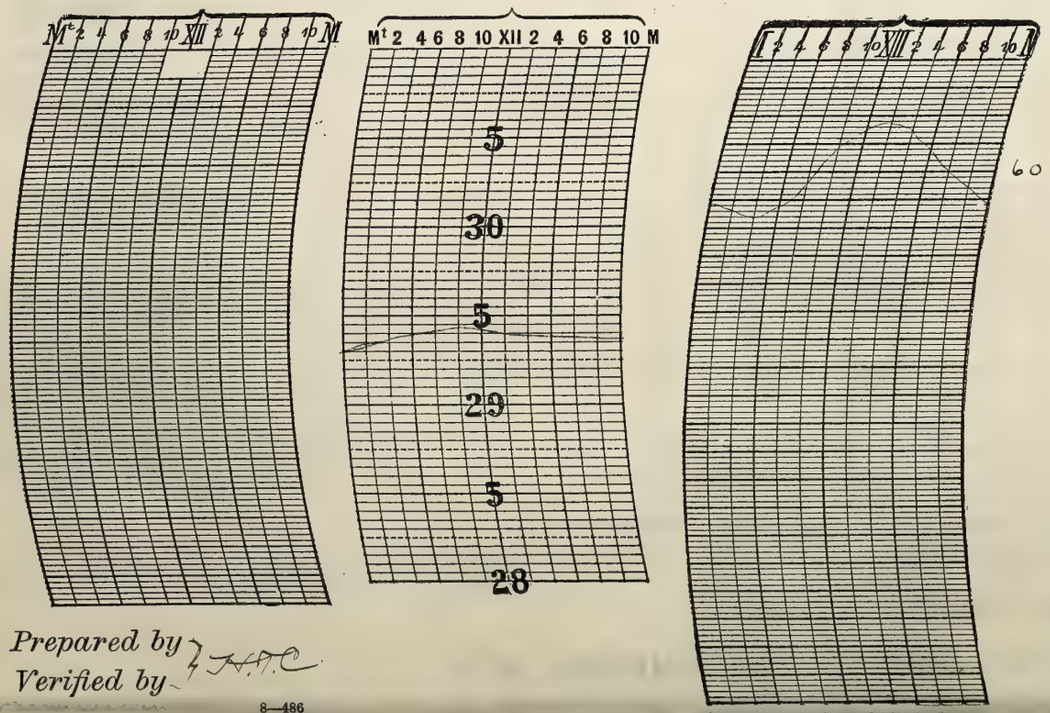
Maximum velocity,	Direction,	Time.
12	NE	12.18 p.m.
Ex 12		

Relative humidity, 90 a. m. 86 p. m.

Reduced barometer, 30.34 a. m. 30.30 p. m.

River gage,

NOTES.



Prepared by
Verified by F.H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 23 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	53	52	51	51	50	52	62	70	73	75	76	78	80	80	80	78	75	74	70	68	66	64	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunrise: Time, 5.29 Character, Clear																					Sunset: Time, 5.37 Character, Clear			
Sunshine (in tenths of hours)						52 0	1.0 0	0.2 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	62 0						
Wind direction	E	NE	NE	NE	NE	NE	E	E	SE	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW
Wind movement	4	4	5	5	4	4	5	3	3	5	7	9	9	9	9	8	6	5	4	4	5	8	6	3
Maximum velocities (exceeding 2 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	50	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 0 Moon phase,

Actual sunshine, hours, 12.0

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 99

Prevailing direction SW

Total movement, 134

Average hourly velocity, 5.6

Maximum velocity, 12 Direction, SW Time. 1.31 p.m.

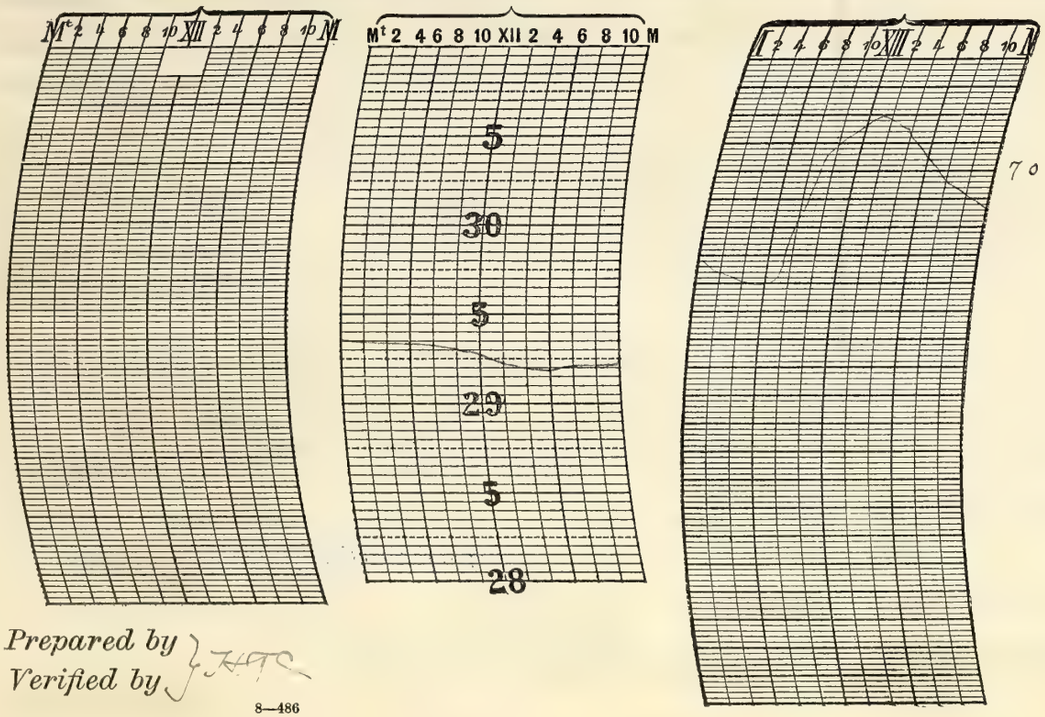
Ex 12

Relative humidity, 90 a. m. 64 p. m.

Reduced barometer, 30.27 a. m. 30.11 p. m.

River gage,

NOTES.



Prepared by
Verified by } JHTS

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sundays, (Date) SEP 24 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	60	59	59	56	59	61	65	73	76	78	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					— Pt Cloudy —							
Sunrise: Time, Character,			5.30 Clear									
Sunshine (in tenths of hours)						.50 0	0.6 0.4	1.0 0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	S	W	S	S	SW	SW	SW	SW
Wind movement	4	7	4	7	6	4	5	4	8	12	10	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	80	77	76	75	73	71	70	67	66	65	65	64
State of weather: Nature of precipitation and time of beginning and ending			RB 2.25	RE 3.10								
Amounts of precipitation			.01	T								
Cloudiness and other conditions			— Cloudy —									
Sunrise: Time, Character,									Sunset: Time, Character, 5.36 Cloudy			
Sunshine (in tenths of hours)	1.0	0.4	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	NW	W	W	SW
Wind movement	12	14	8	11	16	8	7	4	5	4	3	6

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
Temperature	80	56	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Sr. Moon phase,

Actual sunshine, hours, 7.9

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 65

Prevailing direction SW

Total movement, 178

Average hourly velocity, 7.4

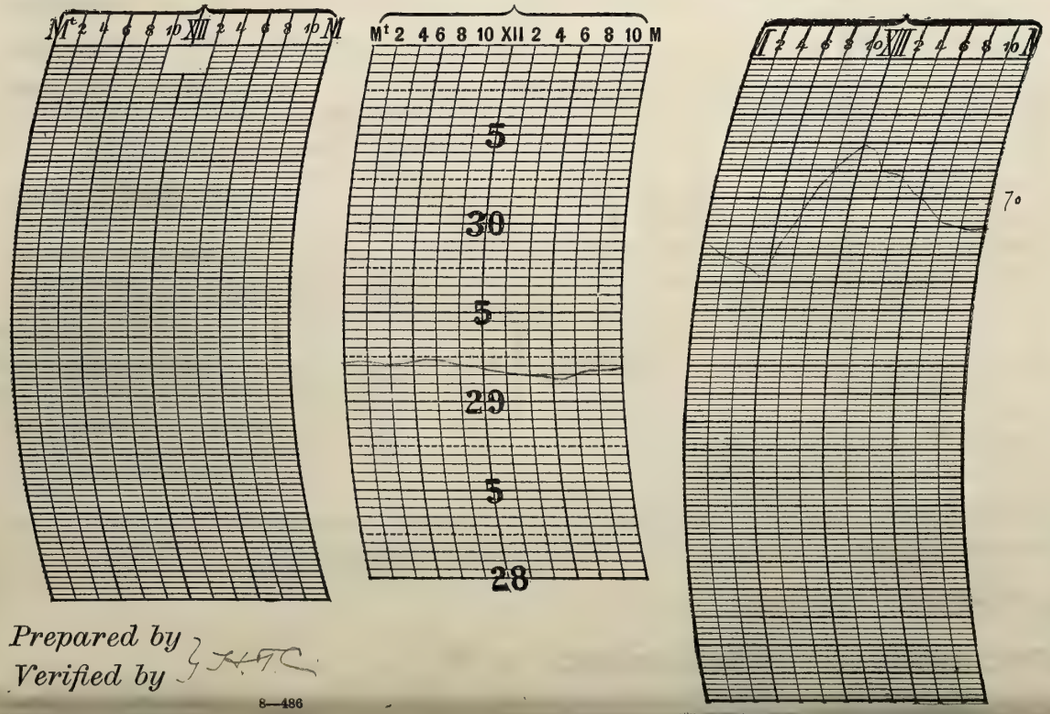
Maximum velocity,	Direction,	Time.
18 Ex 20	SW	4.45 p.m.

Relative humidity, 89 a. m. 86 p. m.

Reduced barometer, 30.14 a. m. 30.02 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 25 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	64	65	67	66	66	67	69	71	72	72
State of weather: Nature of precipitation and time of beginning and ending	RB DN			RB DN	RE DN							
Amounts of precipitation	.01	.01	.03	.02	.02							
Cloudiness and other conditions					—			Cloudy			—	
Sunshine (in tenths of hours)						0	0	0	0	0.6	0.2	0.4
Wind direction	SW	W	SW	SW	SW	NW	NW	NW	NW	W	W	SW
Wind movement	8	5	8	13	9	12	6	6	4	6	8	11

Sunrise: Time, 5.31 Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	71	70	68	67	66	65	64	64	63	62	61
State of weather: Nature of precipitation and time of beginning and ending					RB 4.05 RE 4.35							
Amounts of precipitation					T							
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)	0	0	0.1	0	0	0						
Wind direction	W	W	NW	NW	N	N	N	N	N	N	N	N
Wind movement	8	7	7	7	6	4	5	6	6	6	5	5

Sunset: Time, 5.34 Character, Cloudy

Maximum velocities (exceeding 2 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	72	61	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .10 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Cloudy 9 Moon phase,

Actual sunshine, hours, 1.3

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 11

Prevailing direction N

Total movement, 168

Average hourly velocity, 7.0

Maximum velocity, 16 Direction, W Time, 5.07 a.m.

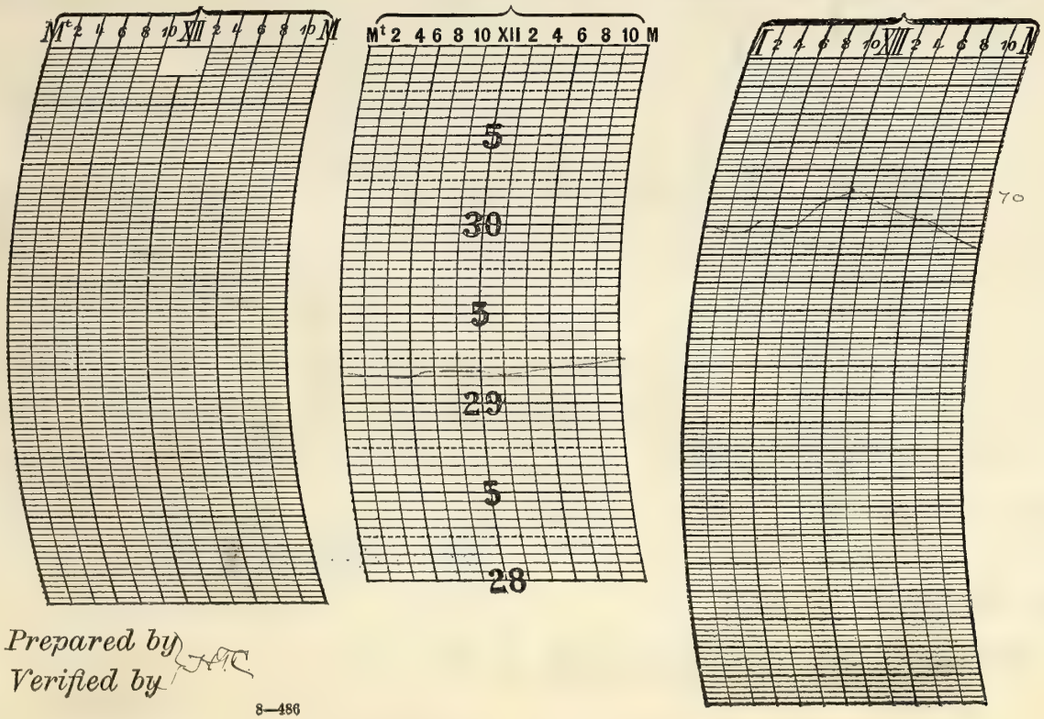
Ex 17

Relative humidity, 84 a. m. 92 p. m.

Reduced barometer, 30.07 a. m. 30.09 p. m.

River gage,

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 26 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	59	58	57	56	56	56	58	58	60	62	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy →						
Sunrise: Time, 5.32 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0.2	1.0	1.0
Wind direction	N	NW	N	N	N	N	N	N	NE	NE	NE	NE
Wind movement	6	8	9	7	9	6	6	7	7	6	5	3
Maximum velocities (exceeding 27 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	67	67	67	65	64	63	62	61	60	58	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Pt Cloudy						
Sunset: Time, 5.32 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.6	0	0	0					
Wind direction	NE	E	E	SE	S	S	SE	SE	SE	SE	SE	S
Wind movement	6	4	3	5	6	4	5	6	6	4	6	10
Maximum velocities (exceeding miles)												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	56	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy 6 Moon phase,

Actual sunshine, hours, 5.6

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 47

Prevailing direction N

Total movement, 143

Average hourly velocity, 6.0

Maximum velocity,	Direction,	Time.
14	S	11.52 p
Ex 14		

Relative humidity, 83 a. m. 71 p. m.

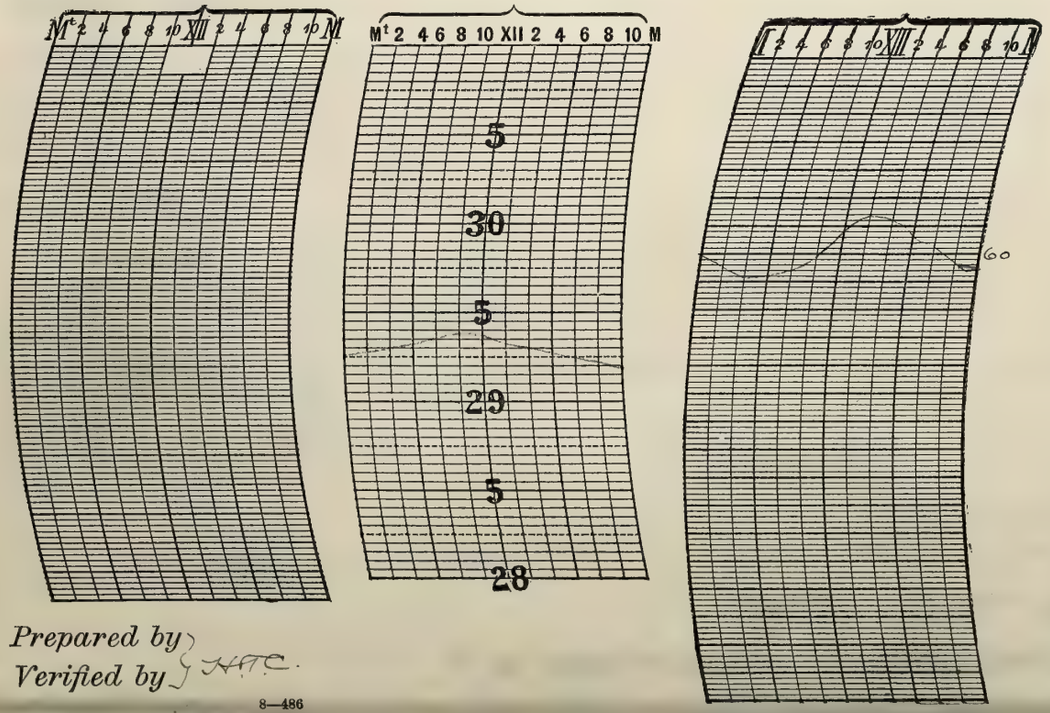
Reduced barometer, 30.27 a. m. 30.18 p. m.

River gage,

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

NOTES.



Prepared by
Verified by HTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 27 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	61	62	63	64	65	67	68	71	69	68	69
										RB 9.35		RE 11.50
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation										.01	.33	.02
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 5.33 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	W	SW	SW
Wind movement	9	15	15	14	16	16	17	16	15	11	9	16
Maximum velocities (exceeding 24 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	75	75	75	73	71	70	67	65	63	62	60
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy									
Sunset: Time, 5.30 Character, Cloudy												
Sunshine (in tenths of hours)	0.1	0.4	0.2	0.6	0	0	0					
Wind direction	SW	SW	W	W	W	NW	N	N	N	N	N	N
Wind movement	14	17	14	12	8	7	8	7	3	5	5	6
Maximum velocities (exceeding 24 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
75	59	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .36 ins.

Total precipitation, midnight to midnight, .36 inches.

Character of day, Cloudy 9. Moon phase,

Actual sunshine, hours, 1.3

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 11

Prevailing direction SW

Total movement, 275

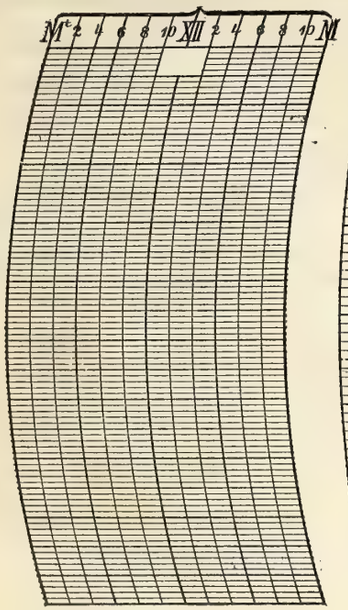
Average hourly velocity, 11.5

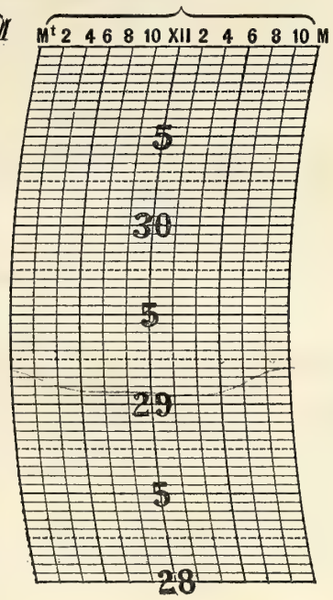
Maximum velocity,	Direction,	Time.
23	SW	11.00 a.m
Ex 26		

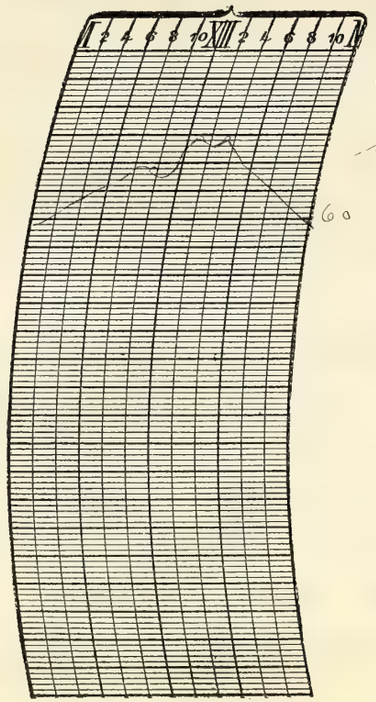
Relative humidity, 91 a. m. 87 p. m.

Reduced barometer, 29.98 a. m. 30.01 p. m.

River gage,







NOTES.

A thunderstorm of light intensity occurred at 10.00 a.m

Prepared by
Verified by } JATC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 28 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	56	55	54	53	52	52	52	52	54	55	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						—	Cloudy	—				
Sunrise: Time, 535 Character, Cloudy												
Sunshine (in tenths of hours)				0		0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	5	9	11	8	9	8	9	9	8	10	8	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	60	61	62	62	61	62	61	65	66	68	69
State of weather: Nature of precipitation and time of beginning and ending	RB 12.10 RE 12.30			RB 3.30	RE 4.10			RB 7.35	RE 9.00			RB DN
Amounts of precipitation	T			T	T			T	.01			.04
Cloudiness and other conditions		—		Cloudy		—						
Sunset: Time, 5.29 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	⊘					
Wind direction	E	E	E	E	E	SE	SE	SE	SE	S	S	SW
Wind movement	8	9	10	7	5	6	3	4	6	10	13	17

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	52	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy 10, Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 11.9

Percentage of possible sunshine, 0

Prevailing direction, E

Total movement, 198

Average hourly velocity, 8.2

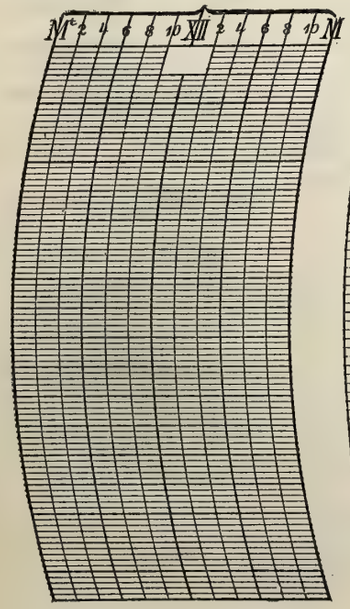
Maximum velocity,	Direction,	Time.
19	SW	11.30 p.m.

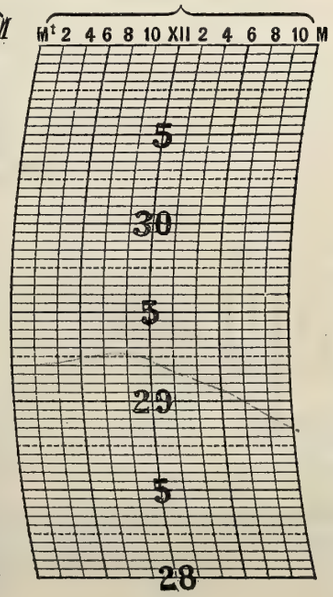
Relative humidity, 94 a. m. 91 p. m.

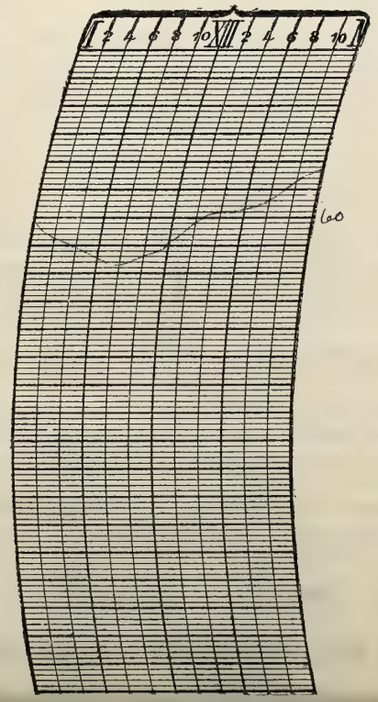
Reduced barometer, 30.21 a. m. 29.97 p. m.

River gage,

NOTES.







Prepared by
Verified by } H.F.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 29 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	70	71	71	69	65	64	63	65	66	67
State of weather: Nature of precipitation and time of beginning and ending			RE DN									
Amounts of precipitation	02	.07	T									
Cloudiness and other conditions						Clear						
Sunrise: Time, 5.36 Character, Clear												
Sunshine (in tenths of hours)						.40 0	1.0 0	+ 0.7 0.3	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	W	W	NW	W	W	W	W	W
Wind movement	14	26	21	18	18	17	21	19	17	19	20	20
Maximum velocities (exceeding 29 miles)		35 SW 1.40										

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	62	60	58	57	56	54	53	52	51	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt Cloudy									
Sunset: Time, 5.27 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	0.9	0.4	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	21	18	19	17	15	15	14	11	8	9	9	7
Maximum velocities (exceeding 29 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
71	50	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m. 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .14 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0.7 inches.

Character of day, Pt Cloudy Moon phase,

Actual sunshine, hours, 8.7

Possible sunshine, hours, 11.98

Percentage of possible sunshine, 73

Prevailing direction NW

Total movement, 393

Average hourly velocity, 16.4

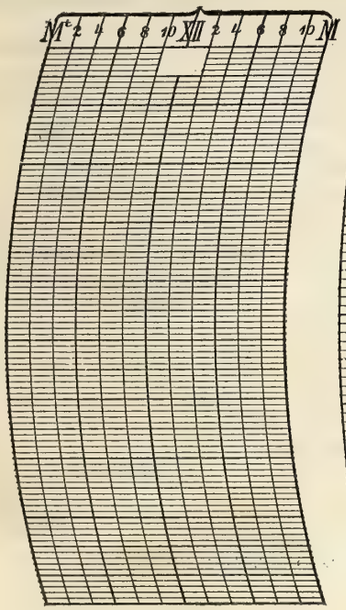
Maximum velocity,	Direction,	Time.
35 Ex 38	SW	1.40 a.m

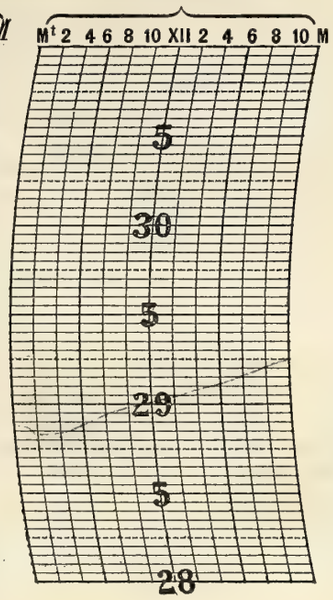
Relative humidity, 77 a. m. 78 p. m.

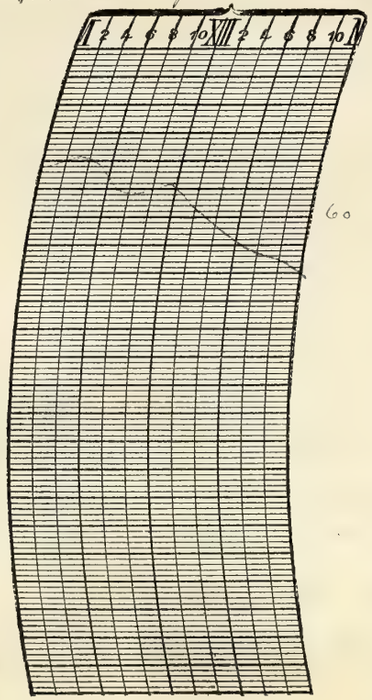
Reduced barometer, 29.83 a. m. 30.08 p. m.

River gage,

+ Sunshine pen not working







NOTES.

Prepared by } HTC
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 30 1911, 191

Time (local standard), 90 mer. — 90 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	49	49	49	48	48	48	49	50	52	54	56	57	58	59	59	58	57	57	56	56	56	56	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Pt Cloudy →				← Cloudy											
Sunrise: Time, 5.37 Character, Cloudy																					Sunset: Time, 5.25 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0.1	0.2	0.9	1.0	0.8	0.6	1.0	0.1	0	0						
Wind direction	N	N	N	NE	N	NE	NE	NE	NE	E	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E	E	E
Wind movement	7	6	7	6	5	7	6	7	8	7	6	7	7	7	7	6	7	7	7	8	8	7	8	6
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

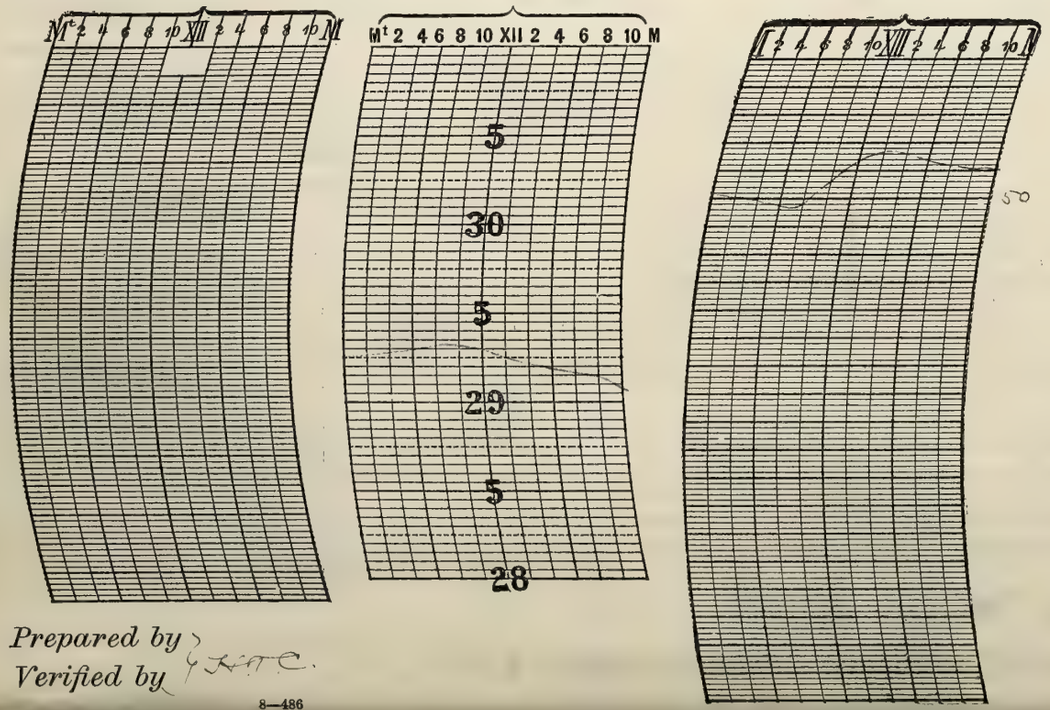
	Maximum.	Minimum.	Mean.	Normal.
	59	48	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy. Moon phase, First Quarter
Actual sunshine, hours, 46
Possible sunshine, hours, 11.8
Percentage of possible sunshine, 39
Prevailing direction, E
Total movement, 164
Average hourly velocity, 6.8

Maximum velocity,	Direction,	Time.
11 Ex 11	SE	1.40 p.m

Relative humidity, 76 a. m. 77 p. m.
Reduced barometer, 30.26 a. m. 30.12 p. m.
River gage,

NOTES.



Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 1 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	57	57	57	57	57	58	61	59	60	62	65
Nature of precipitation and time of beginning and ending						R13 5.45						R13 11.35
Amounts of precipitation						T	.16	.15	.22	.25	.40	.06
Cloudiness and other conditions									Cloudy			
Sunrise: Time, 5.38 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	S	S	NW	SW	SW	SW
Wind movement	5	6	6	5	7	10	10	13	8	2	6	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	69	70	68	66	64	62	54	53	51	51	51
Nature of precipitation and time of beginning and ending		~~R13~~	R13 2.00	R13 3.35								R13 DN
Amounts of precipitation			T	T								.02
Cloudiness and other conditions			Cloudy									
Sunset: Time, 5.23 Character, Cloudy												
Sunshine (in tenths of hours)	06	02	0	0	0	0						
Wind direction	W	W	W	NW	NW	NW	NE	NE	NE	NE	NE	NE
Wind movement	12	13	10	8	9	6	9	13	13	13	14	12

State of weather.

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	51	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .16 ins.; to 7 p. m., 1.08 ins.

Total precipitation, midnight to midnight, 1.26 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0.8

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 7

Prevailing direction SE + NE

Total movement, 216

Average hourly velocity, 9.0

Maximum velocity, 17 Direction, NE Time. 9.45 p

Ex 19

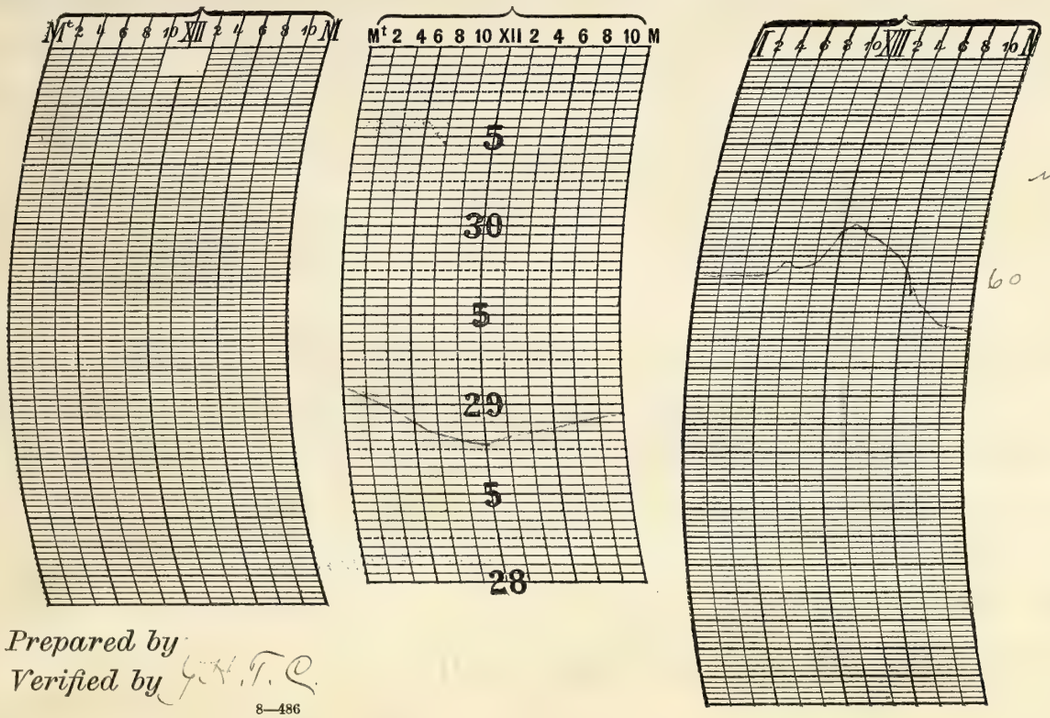
Relative humidity, 91 a. m. 94 p. m.

Reduced barometer, 29.76 a. m. 29.78 p. m.

River gage,

NOTES.

a thunderstorm of moderate intensity occurred at 6.45 a.m.



Prepared by

Verified by G.H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

OCT 2 1911

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) ....., 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	51	51	51	50	50	50	50	50	50	51	53	54	54	54	55	54	54	54	52	52	51	49	49
State of weather. Nature of precipitation and time of beginning and ending						RE 6.00	RB 6.50	RE 7.50																
Amounts of precipitation	18	02	01	02	02	02	T	T																
Cloudiness and other conditions								Cloudy							Cloudy									
Sunrise: Time, 5.39 Character, Cloudy																					Sunset: Time, 5.22 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	11	13	15	15	15	16	15	13	16	14	11	16	14	13	10	11	10	11	8	7	8	7	9
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	49	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 29 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 27 inches.

Character of day, Cloudy 10 Moon phase, ...

Actual sunshine, hours, 0

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 290

Average hourly velocity, 12.1

Maximum velocity,	Direction,	Time.
19	NE	5.50 a m.

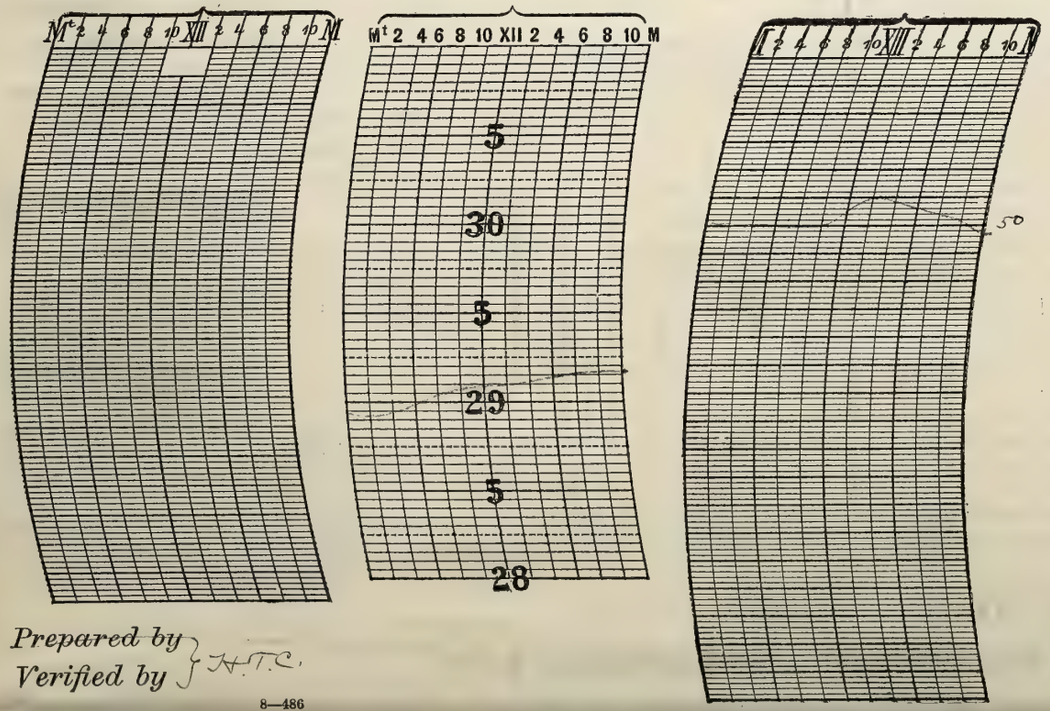
Ex 20

Relative humidity, 96 a. m. 82 p. m.

Reduced barometer, 29.95 a. m. 30.06 p. m.

River gage, ...

NOTES.



Prepared by }
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 3 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	48	46	46	46	48	49	52	54	55	57	60	61	63	65	69	69	70	71	72	73	75	76	72
State of weather: Nature of precipitation and time of beginning and ending									RB 8.20	RE 10.00														RB PN
Amounts of precipitation									T	T														.02
Cloudiness and other conditions						—		Cloudy	—				—		Cloudy	—								
Sunrise: Time, 5.40 Character, Cloudy																					Sunset: Time, 5.28 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NE	E	NE	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	E	E	SE	SE	S	S	S	SW	SW	SW
Wind movement	8	5	6	8	8	7	5	6	6	6	8	7	6	6	7	6	8	11	11	15	16	17	19	21
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	46	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 0

Prevailing direction SE

Total movement, 223

Average hourly velocity, 9.3

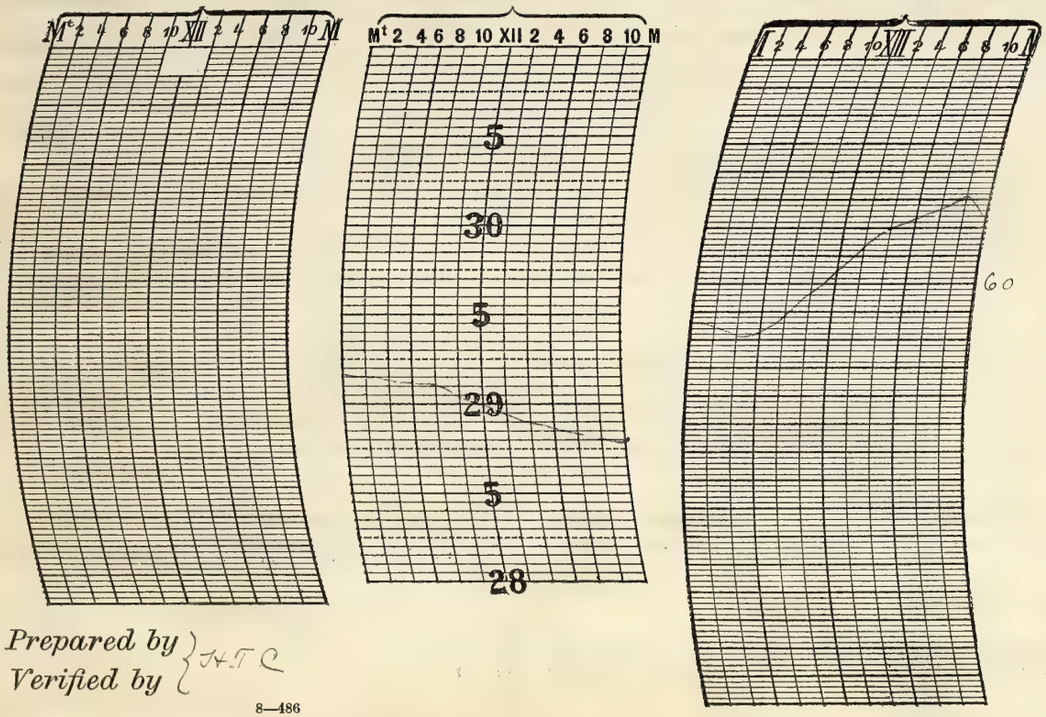
Maximum velocity,	Direction,	Time.
24 Ex 25	SW	11.30 p.m.

Relative humidity, 87 a. m. 86 p. m.

Reduced barometer, 30.06 a. m. 29.78 p. m.

River gage,

NOTES.



Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 4 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	71	70	68	66	64	62	67	64	65	65	65
State of weather: Nature of precipitation and time of beginning and ending		RE PN										
Amounts of precipitation	.01	.01										
Cloudiness and other conditions									Clear			
Sunrise: Time, 5.41 Character, Clear												
Sunshine (in tenths of hours)						.32 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0
Wind direction	SW	SW	W	W	W	SW	SW	SW	SW	W	W	W
Wind movement	22	18	15	16	13	14	18	19	24	24	23	26
Maximum velocities (exceeding 27 miles)										31 W 10.20		30 SW 11.05

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	66	64	62	60	58	56	55	54	53	52	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunset: Time, 5.19 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9 0.1	.32 0						
Wind direction	W	W	W	W	NW	NW	NW	W	W	NW	NW	NW
Wind movement	27	23	26	20	18	16	12	12	10	11	9	7
Maximum velocities (exceeding 27 miles)	32 W 12.15		35 W 2.10									

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.
Excessive precipitation, accumulated amounts					

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
71	50	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Clear 0. Moon phase,

Actual sunshine, hours, 11.6

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 100

Prevailing direction W

Total movement, 423

Average hourly velocity, 17.6

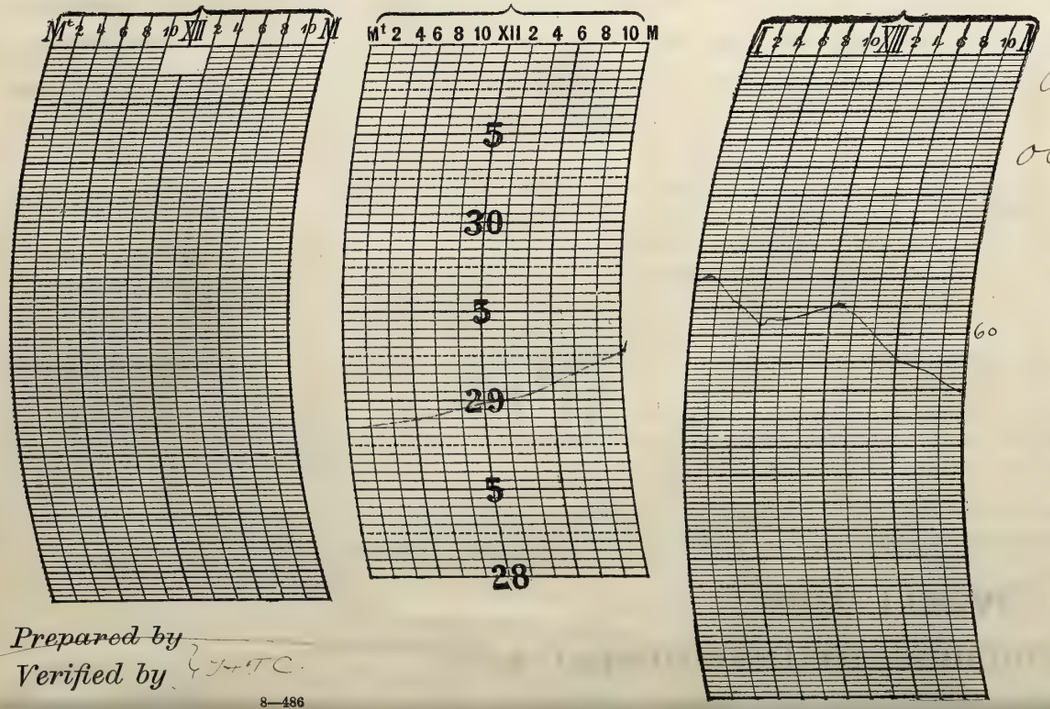
Maximum velocity,	Direction,	Time.
35	W	2.10 p

Ex 38

Relative humidity, 70 a. m. 67 p. m.

Reduced barometer, 29.84 a. m. 30.07 p. m.

River gage,



NOTES.

A thunderstorm of moderate intensity occurred at 12.15 a.m.

Prepared by

Verified by J. H. T. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 5 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	48	46	44	43	42 (3)	45	46	48	50	52	53	54	55	55	56	54	53	53	51	51	51	51	50
State of weather: Nature of precipitation and time of beginning and ending																				RB 8,15 RE 8,30 T				
Amounts of precipitation																								
Cloudiness and other conditions						Clear									Pt Cloudy									
Sunshine (in tenths of hours)	Sunrise: Time, 5.42 Character, Clear					30 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0	0			Sunset: Time, 5.17 Character, Cloudy			
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	NE	E	NE	NE	E	E	E	E	E	E	SE	SE	SE	SE
Wind movement	8	7	4	5	4	6	5	11	8	6	7	4	4	5	2	4	4	4	3	7	7	7	6	6
Maximum velocities (exceeding 27 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
56	43	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 10 inches.

Character of day, Pt Cloudy 4. Moon phase,

Actual sunshine, hours, 7.9

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 68

Prevailing direction N, E

Total movement, 134

Average hourly velocity, 5.6

Maximum velocity, 14 Direction, NE Time, 8.00 a.m.

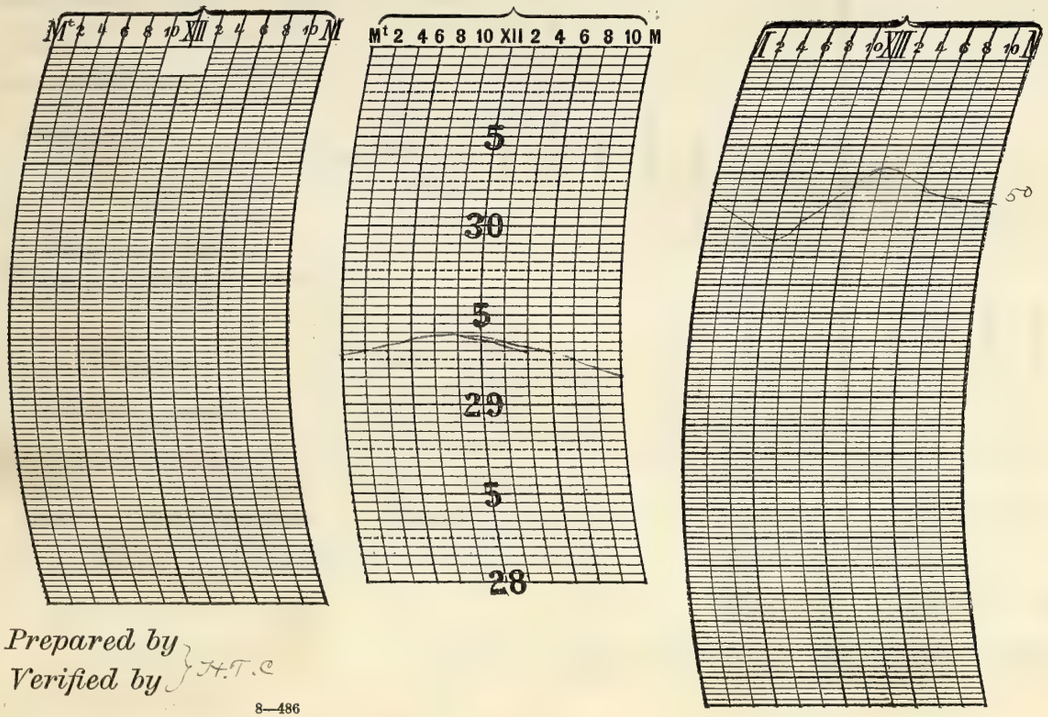
Ex 15

Relative humidity, 74 a. m. 74 p. m.

Reduced barometer, 30.33 a. m. 30.24 p. m.

River gage,

NOTES.



Prepared by
Verified by } J.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 6 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	50	50	50	50	50	52	57	62	70	75	76	78	80	75	74	74	73	73	66	62	56	50	48
State of weather: Nature of precipitation and time of beginning and ending															RB 2.05 RE 2.50					RB 7.02		RE 9.20		
Amounts of precipitation															.02					.31	.03	T		
Cloudiness and other conditions					—		Cloudy					—		—	Cloudy									
Sunrise: Time, 5.43 Character, Cloudy																					Sunset: Time, 5.15 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0.9	1.0	1.0	1.0	0.4	0	0	0	0						
Wind direction	E	SE	SE	SE	E	SE	SE	SE	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	N	N	NE	NE	NE
Wind movement	4	6	7	6	5	8	8	9	11	16	22	27	27	25	18	14	14	14	14	11	6	11	15	18
Maximum velocities (exceeding 21 miles)												30 S 11.30	33 SW 12.07											

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	48	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 1.02 ins.

Total precipitation, midnight to midnight, 1.36 inches.

Character of day, Cloudy 8 Moon phase,

Actual sunshine, hours, 4.3

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 37

Prevailing direction SW

Total movement, 316

Average hourly velocity, 13.2

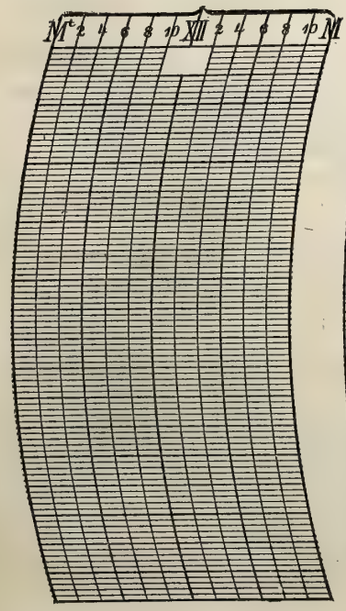
Maximum velocity,	Direction,	Time.
33	SW	12.07 pm

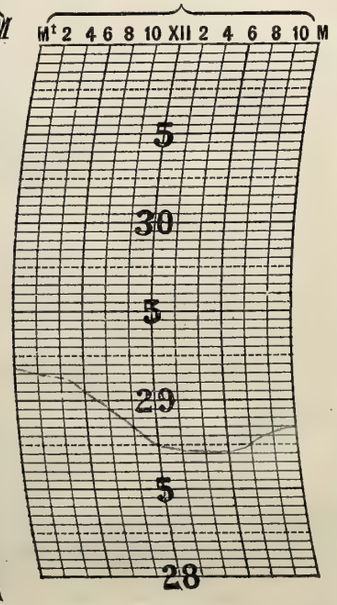
Ex 39

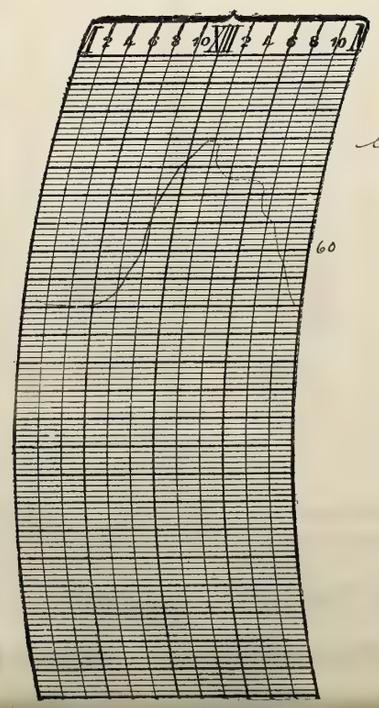
Relative humidity, 79 a. m. 79 p. m.

Reduced barometer, 29.94 a. m. 29.59 p. m.

River gage,







NOTES.

A thunderstorm of moderate intensity occurred at 6.00 a.m.

Prepared by

Verified by H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 7 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	47	47	46	43	44	45	45	45	44	48	51
State of weather: Nature of precipitation and time of beginning and ending	RB DN	RE DN								RB 9.15	RE 10.20	
Amounts of precipitation	.01	T								.01	.01	
Cloudiness and other conditions								—		Cloudy	—	
Sunshine (in tenths of hours)						0	0	0	0	0	0.6	0.8
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	16	18	19	20	18	22	22	23	21	19	23	22

Sunrise: Time, 5.44 Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	54	54	53	51	50	49	45	44	43	42	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			—	Pt Cloudy		—						
Sunshine (in tenths of hours)	1.0	0.8	0.8	0.7	0.3	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	20	19	17	18	16	11	10	6	8	6	8	8

Sunset: Time, 5.14 Character, Cloudy

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
54	41	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .35 ins.; to 7 p. m., 0.3 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Pt Cloudy 6 Moon phase, Full Moon

Actual sunshine, hours, 5.0

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 43

Prevailing direction NE

Total movement, 390

Average hourly velocity, 16.2

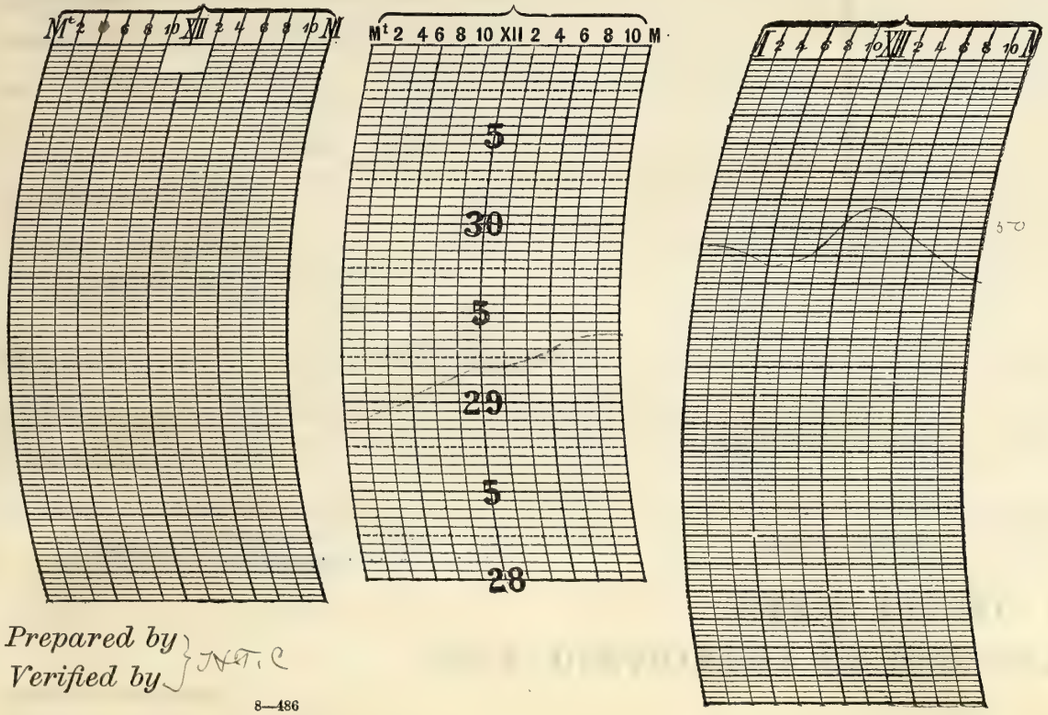
Maximum velocity,	Direction,	Time.
28 Ex 33	NE	10.50 a.m.

Relative humidity, 86 a. m. 72 p. m.

Reduced barometer, 29.99 a. m. 30.23 p. m.

River gage,

NOTES.



Prepared by
Verified by } J.N.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 8 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	39	39	39	39	39	41	45	48	51	54	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Pt Cloudy →						
Sunrise: Time, 5.45 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0.2	0.9	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	9	7	7	8	7	7	6	8	10	12	10	9
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	59	60	59	58	57	55	52	50	48	47	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					→ Clear →			→ Pt Cloudy				
Sunset: Time, 5.12 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.2	0	0						
Wind direction	NE	NE	NE	NE	E	E	NE	NE	NE	E	E	E
Wind movement	11	8	9	8	6	5	3	4	6	8	5	3
Maximum velocities (exceeding 29 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
60	39	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy 4 Moon phase,

Actual sunshine, hours, 7.1

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 62

Prevailing direction NE

Total movement, 176

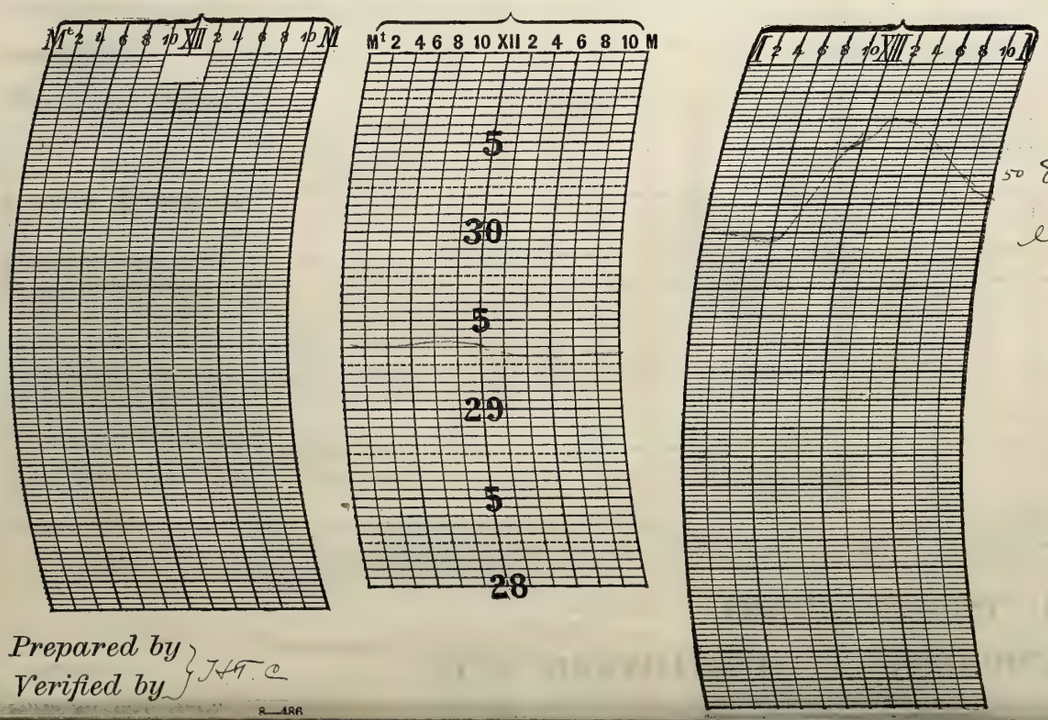
Average hourly velocity, 7.3

Maximum velocity,	Direction,	Time.
15 Ex 15	NE	9.30 a.m.

Relative humidity, 88 a. m. 60 p. m.

Reduced barometer, 30.31 a. m. 30.23 p. m.

River gage,



NOTES.

A Lunar halo was observed from 8.00 p.m. continued during the early part of the night.

Prepared by
Verified by } J.H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 9 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	45	44	44	44	44	45	45	49	52	55	59	60	61	62	61	60	59	58	57	57	56	55	54
																			TR13 6.20					
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																			T	.01	T	T	.01	T
Cloudiness and other conditions						—	Cloudy					→		Pt Cloudy										
Sunshine (in tenths of hours)	Sunrise: Time, 5.46 Character, Cloudy					0	0	0	0.1	0.9	0.5	0.2	0.5	0.2	0.4	0	0	0			Sunset: Time, 5.10 Character, Cloudy			
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	E	SE	SE	E	E	E	E	SE	SE	NE	NE	E	E
Wind movement	4	4	5	4	5	5	6	6	4	7	6	6	4	4	5	5	4	4	2	2	2	2	3	2
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
62	44	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy 8. Moon phase, _____

Actual sunshine, hours, 2.8

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 25

Prevailing direction NE

Total movement, 100

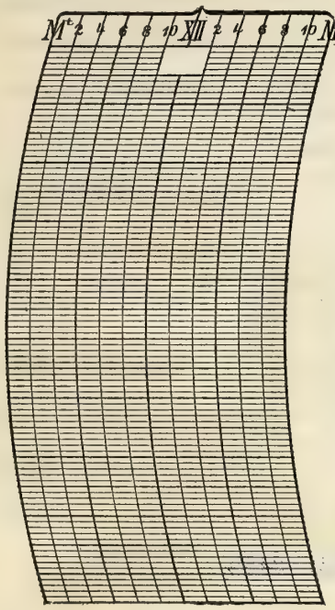
Average hourly velocity, 4.2

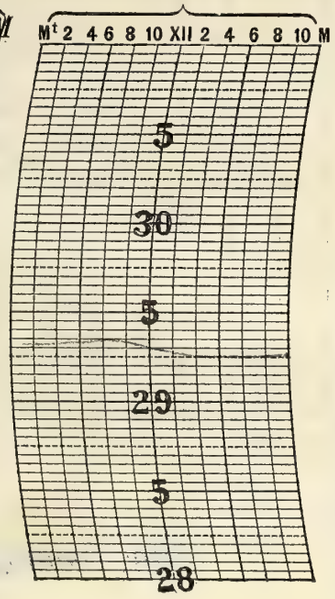
Maximum velocity,	Direction,	Time.
8 Ex 8	NE	9.42 a.m.

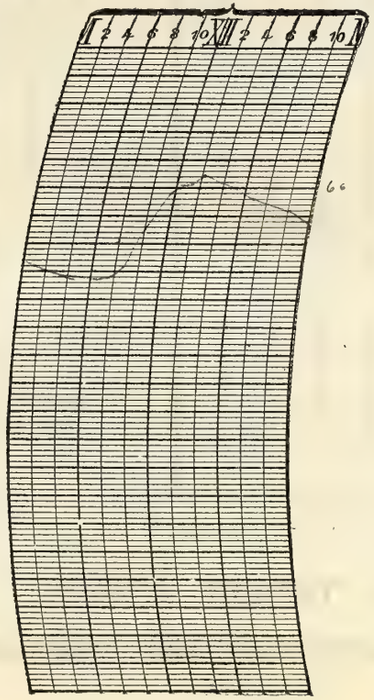
Relative humidity, 84 a. m. 83 p. m.

Reduced barometer, 30.25 a. m. 30.16 p. m.

River gage, _____







NOTES.

Prepared by
Verified by } J.H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 10 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	53	52	52	52	52	52	52	54	56	58	61
Nature of precipitation and time of beginning and ending					RE DN							
Amounts of precipitation	T	0	T	0	T							
Cloudiness and other conditions					—		Cloudy					
Sunrise: Time, 5.47 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	W	SW
Wind movement	3	3	2	4	3	3	2	3	2	2	2	4

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	62	63	62	61	60	58	57	56	54	54	54
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunset: Time, 5.09 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0.1	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	4	5	5	4	5	3	2	3	3	2	2	2

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	52	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy 9 Moon phase,

Actual sunshine, hours, 0.1

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 1

Prevailing direction NE

Total movement, 73

Average hourly velocity, 3.1

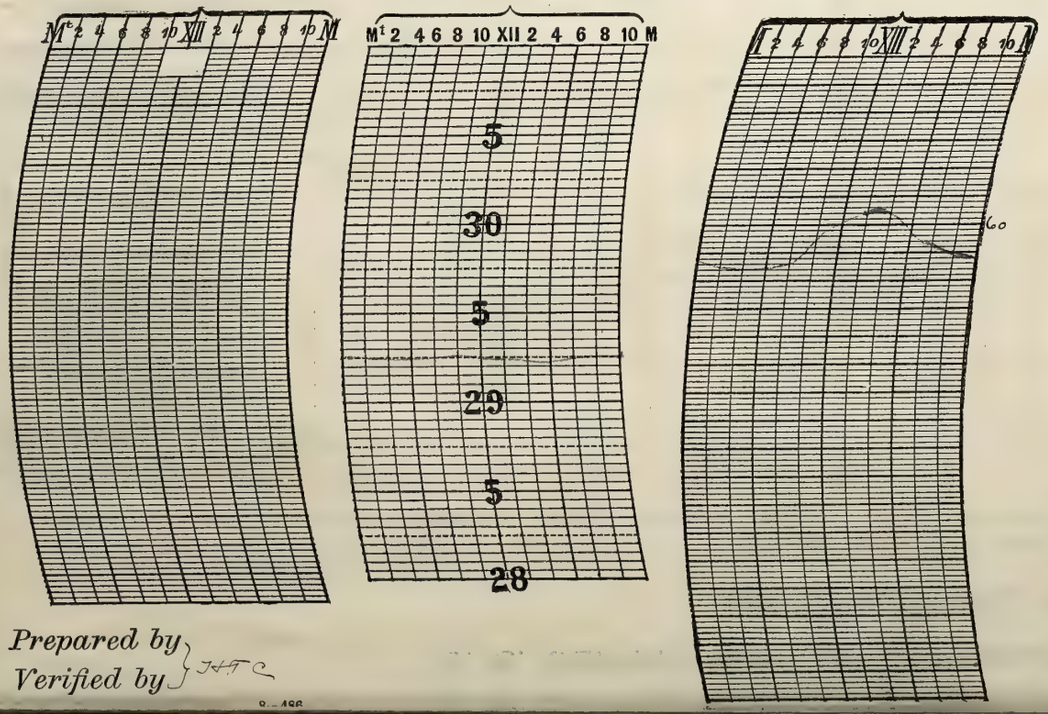
Maximum velocity,	Direction,	Time.
7	SW	4.10 pm
24.7.		

Relative humidity, 76 a. m. 87 p. m.

Reduced barometer, 30.19 a. m. 30.14 p. m.

River gage,

NOTES.



Prepared by
Verified by } J.H.T.C.

9—466

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 11 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

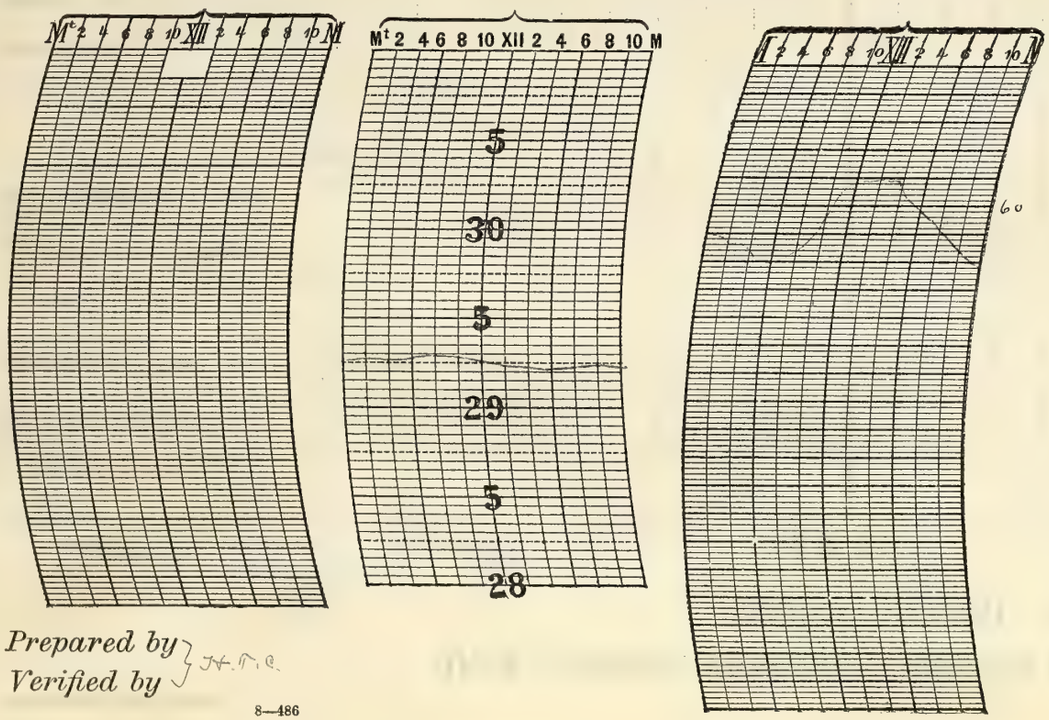
	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	54	53	53	51	50	52	52	53	57	62	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Cloudy			Pt Cloudy	
Sunrise: Time, 5.48 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0.4	1.0	0.8
Wind direction	SW	W	W	W	W	W	SW	W	SW	W	W	W
Wind movement	4	3	2	1	1	3	3	3	4	3	6	8
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	65	65	64	62	60	57	56	54	53	51	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt Cloudy									
Sunset: Time, 5.07 Character, Clear												
Sunshine (in tenths of hours)	0.5	0.7	1.0	0.4 0.6	1.0 0	.12 0						
Wind direction	W	NW	NW	NW	NW	NW	N	N	N	N	NW	NW
Wind movement	11	9	10	8	6	6	4	7	5	4	4	4
Maximum velocities (exceeding 29 miles)												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

	Maximum.	Minimum.	Mean.	Normal.
	65	50	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy 5 Moon phase,
Actual sunshine, hours, 6.5
Possible sunshine, hours, 11.3
Percentage of possible sunshine, 58
Prevailing direction, W
Total movement, 119
Average hourly velocity, 5.0
Maximum velocity, 13 Direction, W Time, 12.32 p.m.
Ex 14
Relative humidity, 89 a. m. 74 p. m.
Reduced barometer, 30.20 a. m. 30.14 p. m.
River gage,



NOTES.

Prepared by } J.H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 12 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	47	47	46	45	44	46	46	47	48	56	62	64	65	65	66	65	62	60	58	56	54	53	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy				x	Pt Cloudy				Pt Cloudy									
Sunrise: Time, 549 Character, Cloudy																					Sunset: Time, 506 Character, Clear			
Sunshine (in tenths of hours)						0	0	0	0	0.7	1.0	1.0	1.0	0.8	0.7	0.1 0.9	1.0 0	.10 0						
Wind direction	W	NW	NW	NW	NW	N	N	N	NW	N	NW	NW	NW	N	N	N	N	N	N	N	N	NE	NE	NE
Wind movement	4	4	5	6	5	5	5	4	4	4	4	5	6	7	6	5	5	4	6	6	5	6	5	6
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
66	44	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt cloudy 4 Moon phase,

Actual sunshine, hours, 7.3

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 65

Prevailing direction N

Total movement, 122

Average hourly velocity, 5.1

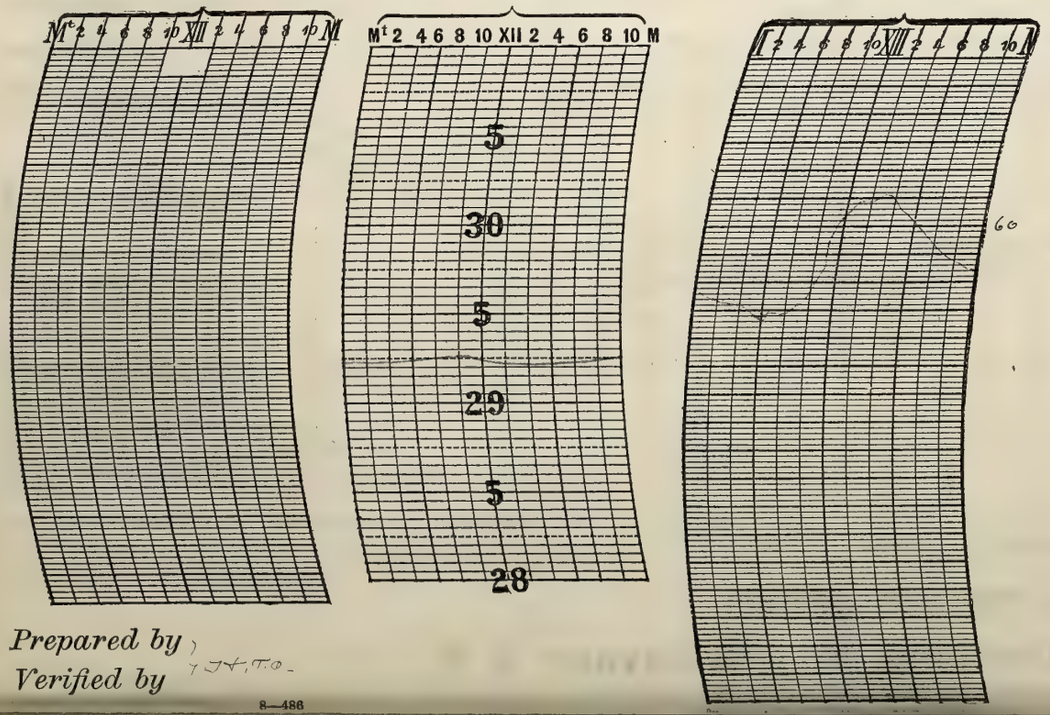
Maximum velocity,	Direction,	Time.
9 Ex 9	N	1.25 p.m.

Relative humidity, 100 a. m. 73 p. m.

Reduced barometer, 30.18 a. m. 30.16 p. m.

River gage,

NOTES.



Prepared by

Verified by

8—486

Form No. 1012—Mot 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 13 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	49	47	48	48	48	47	46	47	49	51	55	58	60	61	60	59	57	56	53	51	50	49	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy						Cloudy									
Sunrise: Time, 5.51 Character, Cloudy																					Sunset: Time, 5.04 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.9	1.0	0.7	1.0	0.1	0	0	1					0
Wind direction	NE	NE	NE	NE	E	E	E	E	E	E	E	E	NE	E	E	E	E	E	E	E	E	E	E	E
Wind movement	6	7	7	9	10	5	4	7	5	4	3	3	4	4	4	3	3	3	3	4	6	6	6	5
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	61	46	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 8+ Moon phase,

Actual sunshine, hours, 3.7

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 33

Prevailing direction E

Total movement, 121

Average hourly velocity, 5.0

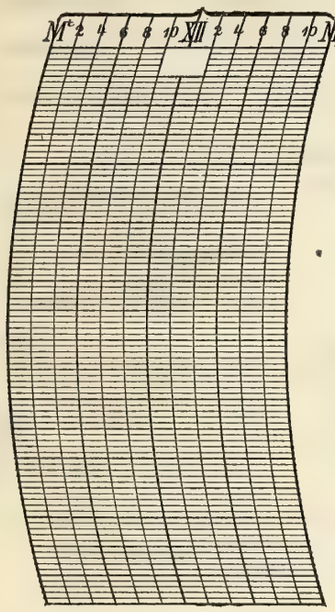
Maximum velocity,	Direction,	Time.
13	E	4.33 a.m.

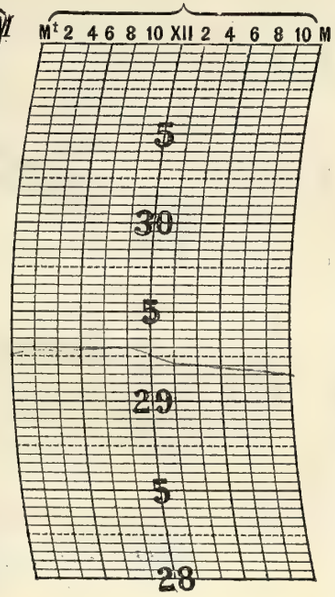
Oct. 13

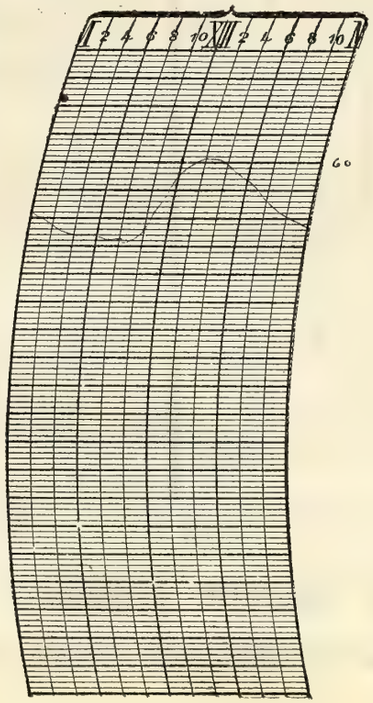
Relative humidity, 94 a. m. 71 p. m.

Reduced barometer, 30.22 a. m. 30.10 p. m.

River gage,







NOTES.

Prepared by
Verified by } J.H.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 14 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	46	45	45	45	45	46	47	50	55	58	60
Nature of precipitation and time of beginning and ending							RB 7.45? RE 7.50					
Amounts of precipitation							T					
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	5.52 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0.6	0.4
Wind direction	E	E	E	E	E	E	E	E	SE	SE	S	S
Wind movement	5	3	4	3	5	3	4	4	2	6	7	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	63	61	59	58	57	57	52	52	51	51	51
Nature of precipitation and time of beginning and ending		RB 2.40	RE 3.55				RB 6.35		RE 8.15			
Amounts of precipitation		T	.03				.16	.08	T			
Cloudiness and other conditions		Cloudy										
Sunset: Time, Character,									5.02 Cloudy			
Sunshine (in tenths of hours)	0.2	0.2	0	0	0	0						
Wind direction	SW	S	S	S	NE	NE	E	SW	N	E	E	E
Wind movement	7	9	10	8	4	3	9	3	5	4	2	2

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	45	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .19 ins.

Total precipitation, midnight to midnight, .27 inches.

Character of day, Cloudy 9 Moon phase Last Quarter

Actual sunshine, hours, 1.4

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 12

Prevailing direction E

Total movement, 118

Average hourly velocity, 4.9

Maximum velocity,	Direction,	Time.
22	W	6.32 p.m.

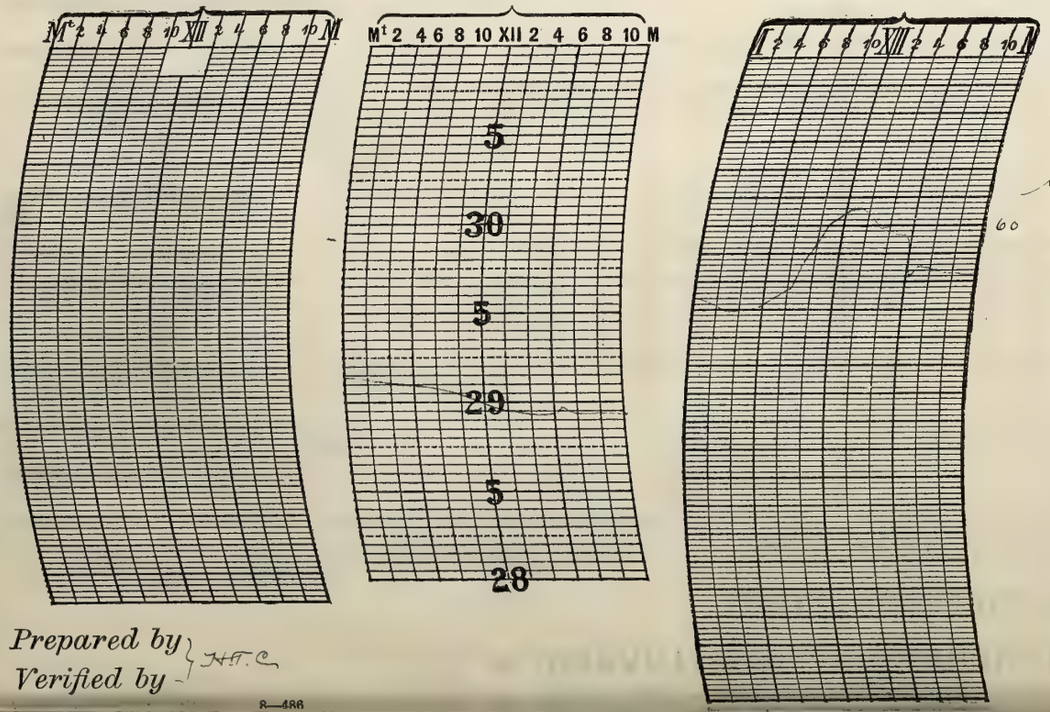
Relative humidity, 96 a. m. 100 p. m.

Reduced barometer, 30.00 a. m. 29.91 p. m.

River gage,

NOTES.

A thunderstorm of moderate intensity occurred at 6.00 p.m.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1012—Mot 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) OCT 15 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	49	47	44	43	42	44	47	51	58	62	64	65	66	67	66	64	62	60	58	57	57	54	55
State of weather: Nature of precipitation and time of beginning and ending			RB DN		RE DN																			
Amounts of precipitation			T	.02	T																			
Cloudiness and other conditions						Cloudy →					Clear				Clear									
Sunshine (in tenths of hours)						0	0	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	1.0 2 0						
Wind direction	E	E	E	W	SW	SW	W	W	SW	SW	S	S	S	SW	S	S	SE	SE	E	SE	SE	SE	SE	SE
Wind movement	1	1	1	2	2	4	1	1	4	4	4	5	8	8	6	4	4	3	5	5	5	5	5	4

Sunrise: Time, 5.53 Character, Cloudy

Sunset: Time, 5.01 Character, Clear

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	42	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .10 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Clear 2 Moon phase,

Actual sunshine, hours, 9.3

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 84

Prevailing direction SE

Total movement, 92

Average hourly velocity, 3.8

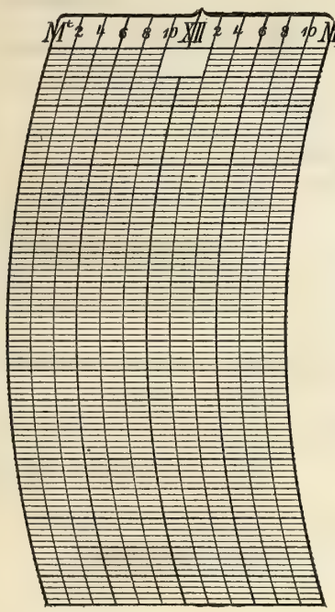
Maximum velocity, 10 Direction, SW Time, 1.30 p.m.

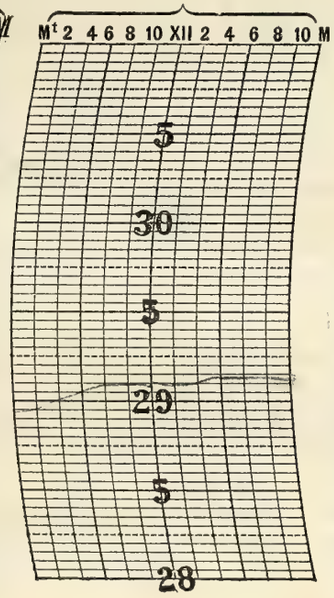
Ex 10

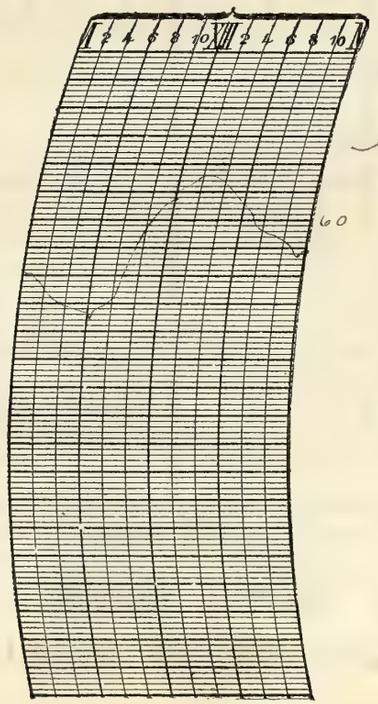
Relative humidity, 100 a. m. 73 p. m.

Reduced barometer, 30.06 a. m. 30.03 p. m.

River gage,







NOTES.

Dense fog prevailed during the early morning and lifted at 7.30 a.m

Prepared by
Verified by J.H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Monday, (Date) OCT 16 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	54	54	53	52	54	57	63	67	69	71	75	77	76	76	74	65	66	66	67	68	66	65
State of weather: Nature of precipitation and time of beginning and ending																		RB 5.04 RE 5.58					RB 10.05	
Amounts of precipitation																		.17					.06	.04
Cloudiness and other conditions							Pt Cloudy								Pt Cldy		Clouds							
Sunrise: Time, 5.54 Character, Cloudy																								
Sunset: Time, 4.59 Character, Cloudy																								
Sunshine (in tenths of hours)						0	0	0.1	1.0	1.0	0.9	1.0	1.0	1.0	0.7	0	0							
Wind direction	SE	E	SE	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	5	4	5	6	8	7	6	6	7	9	7	11	13	13	14	13	10	15	12	11	12	13	15	15
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .17 ins.

Total precipitation, midnight to midnight, .37 inches.

Character of day, Pt Cloudy H Moon phase, _____

Actual sunshine, hours, 6.7

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 60

Prevailing direction ~~SW~~ SE

Total movement, 237

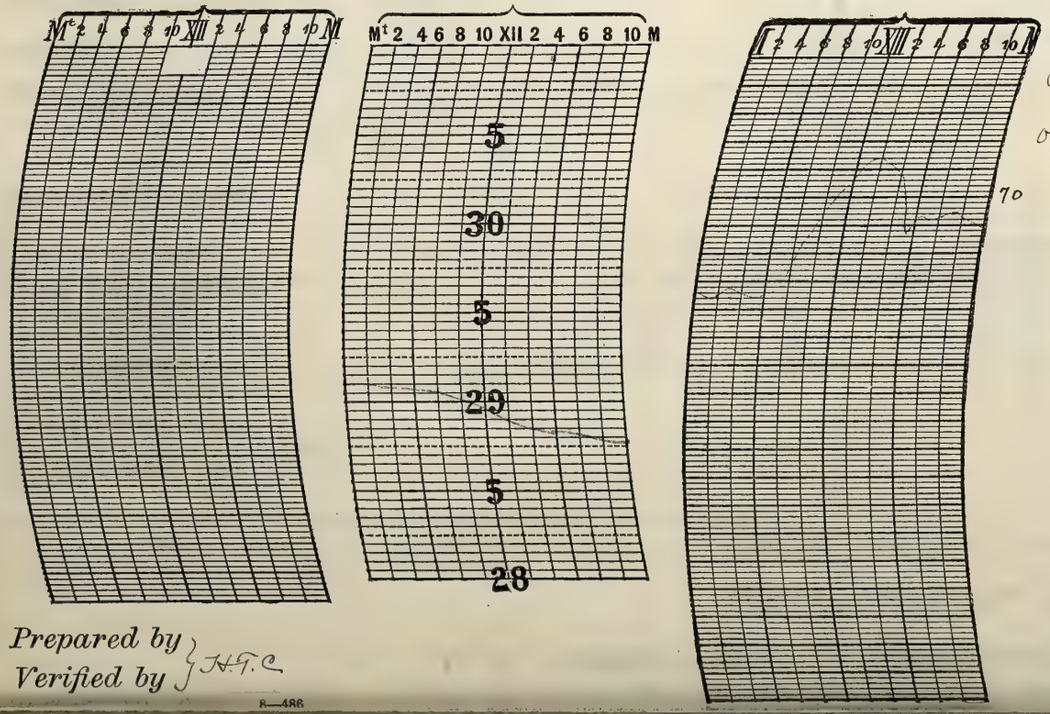
Average hourly velocity, 7.9

Maximum velocity,	Direction,	Time.
26 Ex 39	SW	5.28 p.m.

Relative humidity, 89 a. m. 88 p. m.

Reduced barometer, 30.00 a. m. 29.74 p. m.

River gage, _____



NOTES.

A thunderstorm of moderate intensity occurred at 5.00 p.m.

Prepared by
Verified by } H.F.C.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Tuesday, (Date) OCT 17 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	64	62	59	59	58	56	55	55	55	56	57
State of weather: Nature of precipitation and time of beginning and ending				RE DN								
Amounts of precipitation	06	.04	.27	.07								
Cloudiness and other conditions						—		Cloudy		—		
Sunrise: Time, Character	5.55 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	S	S	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	14	12	9	8	8	9	9	12	10	12	15
Maximum velocities (exceeding 27 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	57	58	57	55	54	53	52	51	50	48	47
State of weather: Nature of precipitation and time of beginning and ending						RB 4.05 RE 4.50						
Amounts of precipitation						T						
Cloudiness and other conditions		—		Cloudy		—						
Sunrise: Time, Character									Sunset: Time, Character 4.58 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	W	NW	W	W	W	W	W	W
Wind movement	14	13	13	11	12	7	6	7	5	4	5	5
Maximum velocities (exceeding 27 miles)												

Maximum.	Minimum.	Mean.	Normal.
64.5	47	56	

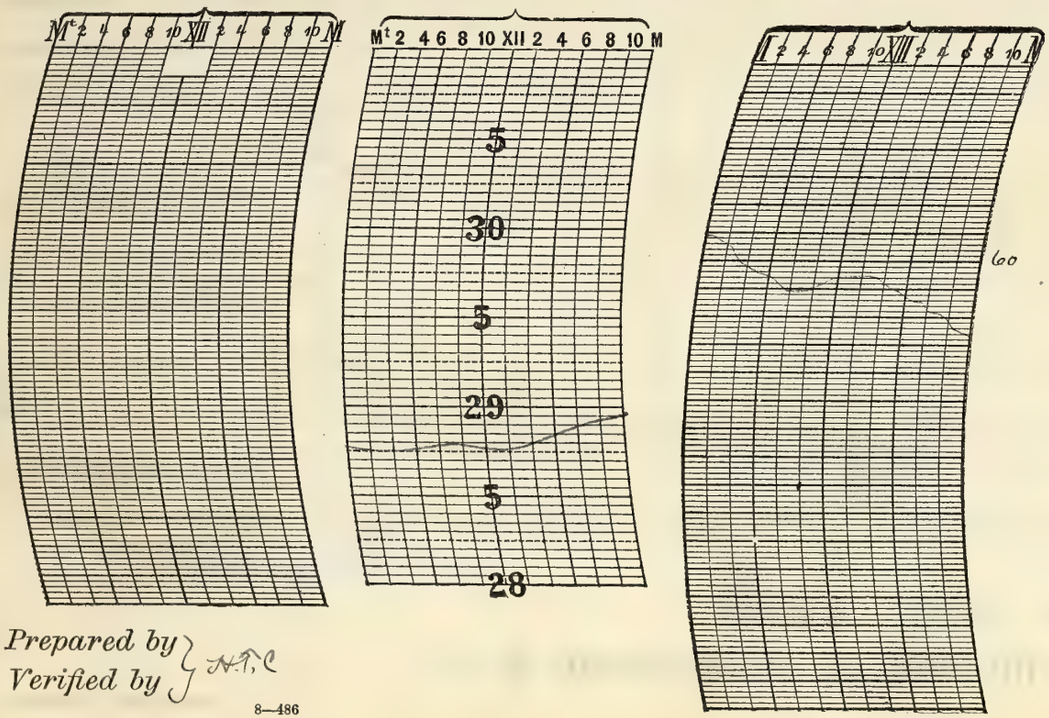
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .54 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .44 inches.
Character of day, Cloudy, 10 Moon phase, _____
Actual sunshine, hours, 0
Possible sunshine, hours, 11.0
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 233
Average hourly velocity, 9.7

Maximum velocity,	Direction,	Time.
18 Ex. 19	SW	12.50 p.m.

Relative humidity, 86 a. m. 94 p. m.
Reduced barometer, 29.69 a. m. 29.81 p. m.
River gage, _____

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by
Verified by } N.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 18 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	45	44	44	42	45	47	51	58	60	61	64	64	65	64	62	60	58	57	56	55	53	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						—		Clear					—		Clear									
Sunrise: Time, Character	5.56 Cloudy																				Sunset: Time, Character	4.56 Clear		
Sunshine (in tenths of hours)						0	0.1	0.7	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3							
Wind direction	SW	W	W	W	NW	W	W	W	W	S	SE	SE	SE	S	S	S	S	S	S	SE	SE	SE	S	S
Wind movement	5	4	5	3	3	3	3	1	3	5	6	5	5	5	5	5	4	5	2	4	5	5	4	5
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
65	42	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 1.2. Moon phase,

Actual sunshine, hours, 9.1

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 83

Prevailing direction S

Total movement, 100

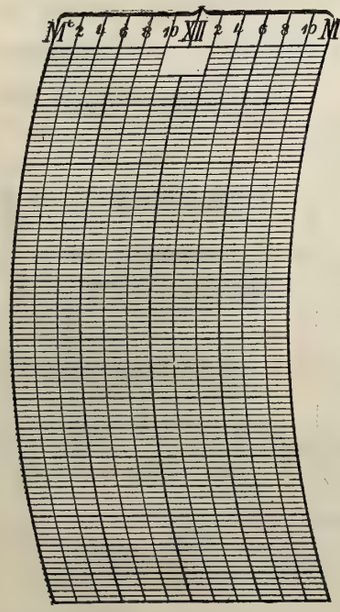
Average hourly velocity, 4.2

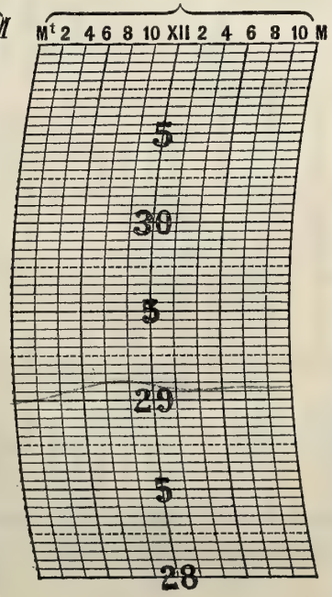
Maximum velocity,	Direction,	Time.
8	S	1.28 p m

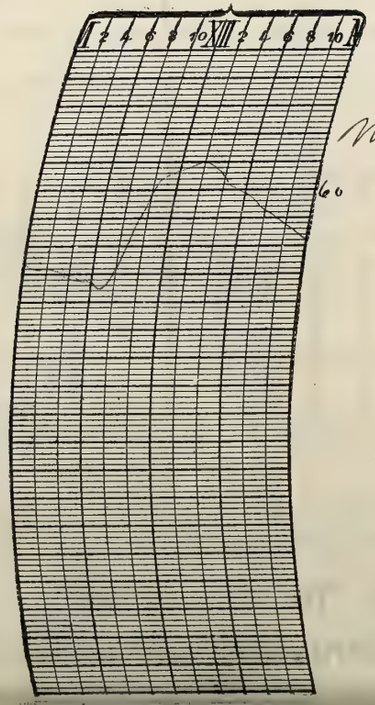
Relative humidity, 90 a. m. 59 p. m.

Reduced barometer, 30.01 a. m. 29.98 p. m.

River gage,







NOTES.

Dense fog prevailed during the early morning and lifted at 6.30 a.m.

Prepared by
Verified by } H.T.C.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 19 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	49	49	48	47	45	48	49	54	59	63	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear				
Sunshine (in tenths of hours)						0	0	0.6	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	3	5	5	7	5	6	7	8	9	10	9	9

Sunrise: Time, 5.57; Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	69	68	67	66	64	61	56	54	52	51	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt Cloudy									
Sunshine (in tenths of hours)	1.0	1.0	1.0	0	0							
Wind direction	SW	SW	SW	SW	SW	S	S	N	N	N	N	N
Wind movement	8	8	9	7	5	6	7	7	8	5	5	7

Sunset: Time, 4.55; Character, Cloudy

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	45	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy H. Moon phase,

Actual sunshine, hours, 7.6

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 69

Prevailing direction, S

Total movement, 165

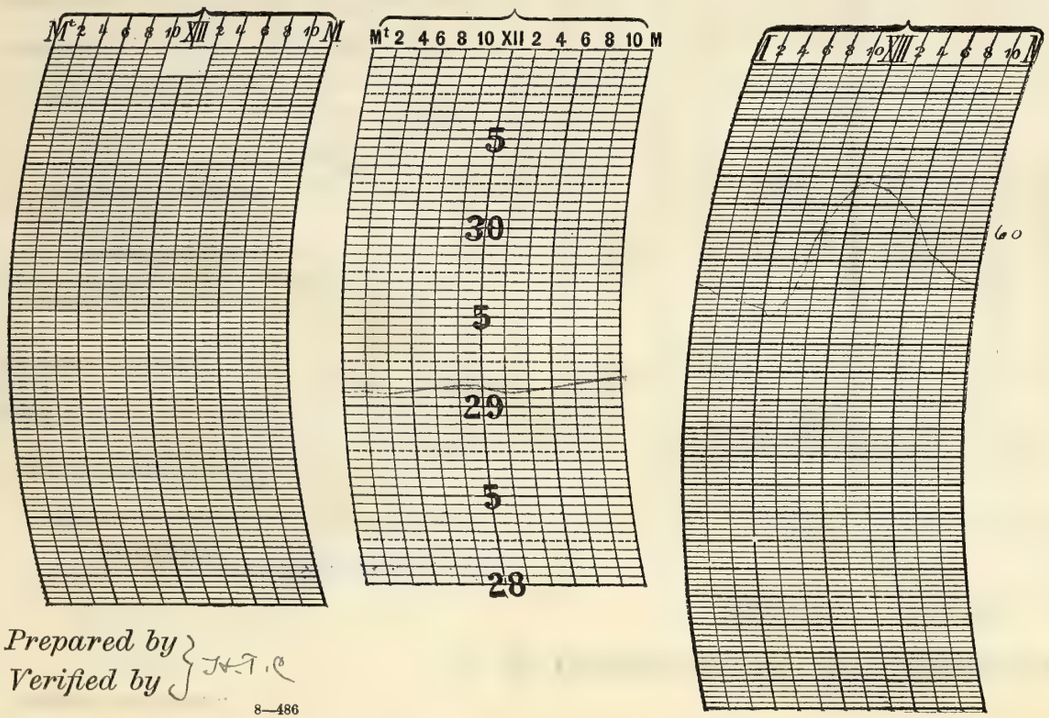
Average hourly velocity, 6.9

Maximum velocity, 13 Ex 13; Direction, SW; Time, 9.05 a.m.

Relative humidity, 83 a. m., 68 p. m.

Reduced barometer, 30.03 a. m., 30.04 p. m.

River gage,



NOTES.

Prepared by
Verified by } J.H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 20 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	50	50	49	48	48	49	50	52	54	56	57	58	59	59	54	53	52	52	51	50	50	50	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy									Cloudy									
Sunrise: Time, 5.58 Character, Cloudy																					Sunset: Time, 4.53 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0.3	0.2	1.0	0.6	1.0	0.2	0	0							
Wind direction	N	N	N	NE	N	N	N	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	N	N	NE	N
Wind movement	6	7	5	6	7	5	5	6	11	9	8	8	10	9	9	11	9	8	6	7	8	10	10	9
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
59	48	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 8. Moon phase,

Actual sunshine, hours, 3.3

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 30

Prevailing direction N

Total movement, 189

Average hourly velocity, 7.9

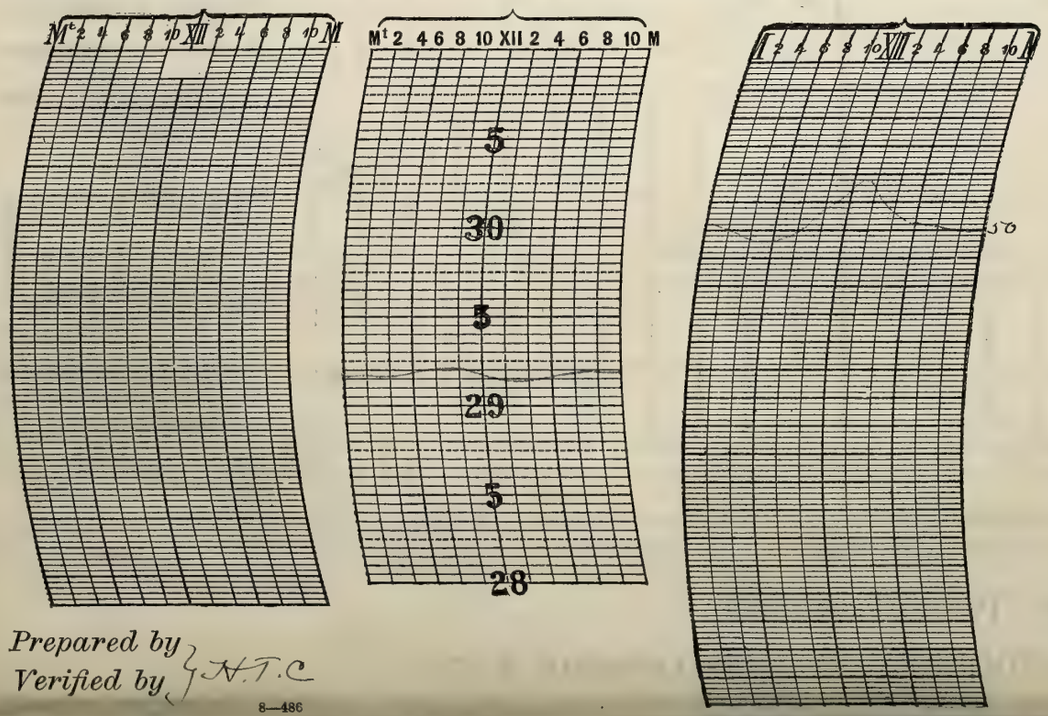
Maximum velocity,	Direction,	Time.
13 Ex. 14	N	3.45 p.m.

Relative humidity, 80 a. m. 79 p. m.

Reduced barometer, 30.11 a. m. 30.10 p. m.

River gage,

NOTES.



Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) OCT 21 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	47	47	47	46	45	46	46	47	48	48	49
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 5.27 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	N	N	N	N	NE	N	N	N	NE	NE	NE	NE
Wind movement	11	9	10	11	10	7	6	8	8	9	10	11

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	49	49	49	48	48	48	47	47	47	48	48
Nature of precipitation and time of beginning and ending					RB 4.15							
Amounts of precipitation					T	.01	T	T	.01	.10	T	T
Cloudiness and other conditions					Cloudy							
Sunset: Time, 4.52 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	10	10	9	7	5	6	6	9	6	7	6

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
49	45	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .12 inches.

Character of day, Cloudy 10. Moon phase New Moon

Actual sunshine, hours, 0

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 202

Average hourly velocity, 8.4

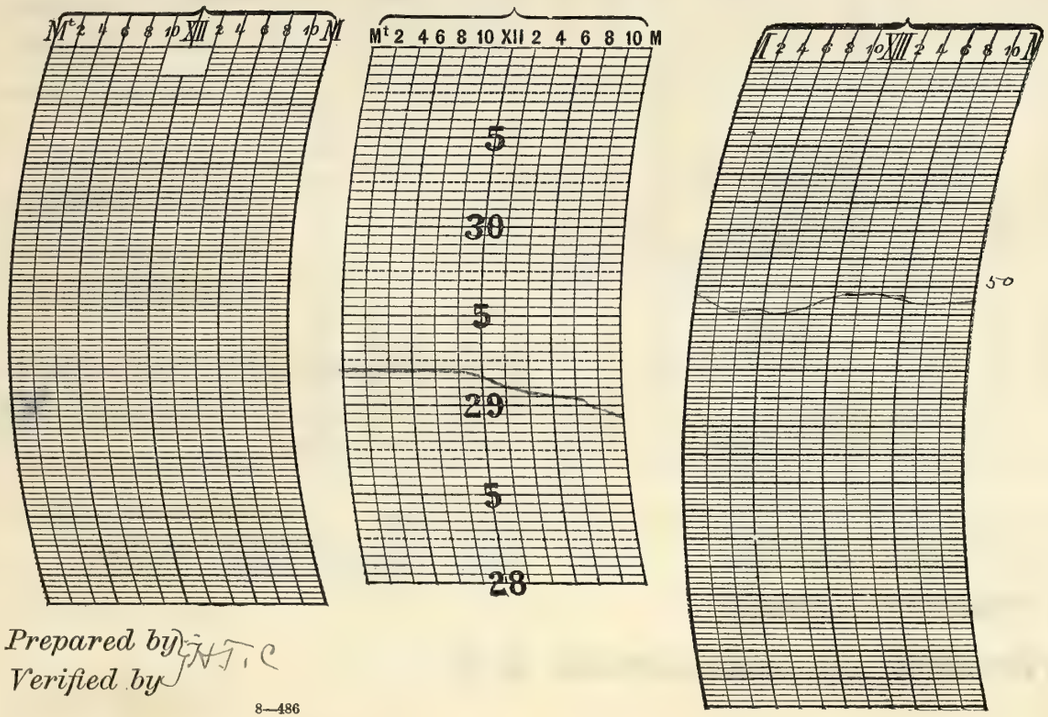
Maximum velocity,	Direction,	Time.
14 Ex 15	NE	11.55 a.m.

Relative humidity, 88 a. m. 100 p. m.

Reduced barometer, 30.12 a. m. 30.01 p. m.

River gage,

NOTES.



Prepared by JHT.C

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 22 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	45	44	44	44	43	43 RE 8.15	41	42	43	42	40	44	46	45	43	41	40	39	37	38	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	T	.01	T	.01	T	T	.01	.01	.01															
Cloudiness and other conditions							—	Cloudy	—				—	Cloudy	—									
Sunshine (in tenths of hours)	Sunrise: Time, 6.00 Character, Cloudy						0	0	0	0	0	0	0	0	0.1	0.1	0				Sunset: Time, 4.51 Character, Cloudy			
Wind direction	NE	N	W	W	NW	W	W	W	W	SW	W	W	W	W	W	W	SW	W	SW	SW	W	SW	SW	S
Wind movement	6	4	5	9	9	8	11	12	13	18	18	17	20	18	14	13	10	8	8	7	9	8	9	10
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	48	37	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .14 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy 7. Moon phase,

Actual sunshine, hours, 0.2

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 2

Prevailing direction, W

Total movement, 264

Average hourly velocity, 11.0

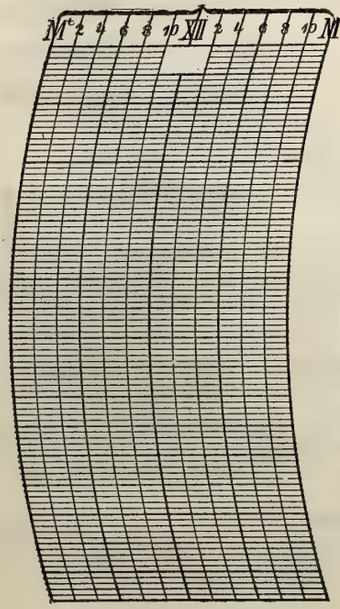
Maximum velocity, 24 Ex 26 — Direction, W — Time, 12.20 pm.

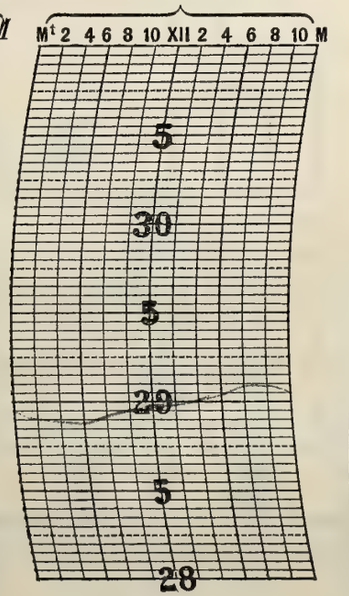
Relative humidity, 100 a. m. 77 p. m.

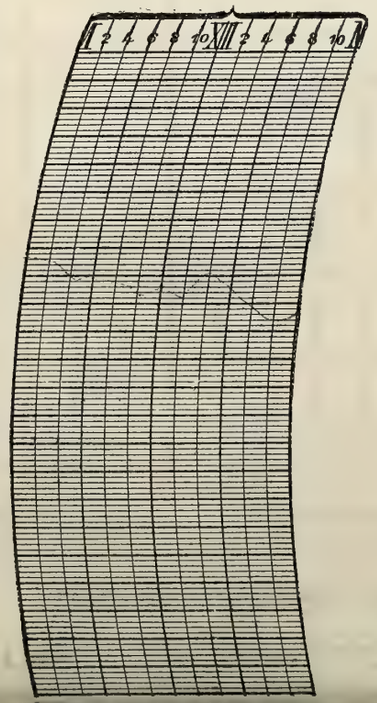
Reduced barometer, 29.83 a. m. 30.00 p. m.

River gage,

NOTES.







Prepared by

Verified by

8—486

Form No. 1011 Mo. R.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 23 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	41	42	42	43	43	41	43	44	44	44	45	46	48	48	47	45	43	42	40	39	39	38	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						—		Cloudy							Cloudy									
	Sunrise: Time, 6.02 Character, Cloudy																				Sunset: Time, 4.49 Character, Cloudy			
Sunshine (in tenths of hours)							0	0.1	0	0	0	0.2	0.2	0.2	0	0.2	0							0
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	W	SW	W	W	W	W	W	W	W	W	SW	SW	W	SW	SW
Wind movement	12	11	13	15	16	19	17	17	22	21	24	22	23	21	21	23	21	17	12	11	11	11	9	10
Maximum velocities (exceeding 25 miles)											30 SW 10.52													

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	48	35	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 9 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 9 Moon phase,

Actual sunshine, hours, 0.7

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 6

Prevailing direction SW, W

Total movement, 399

Average hourly velocity, 16.6

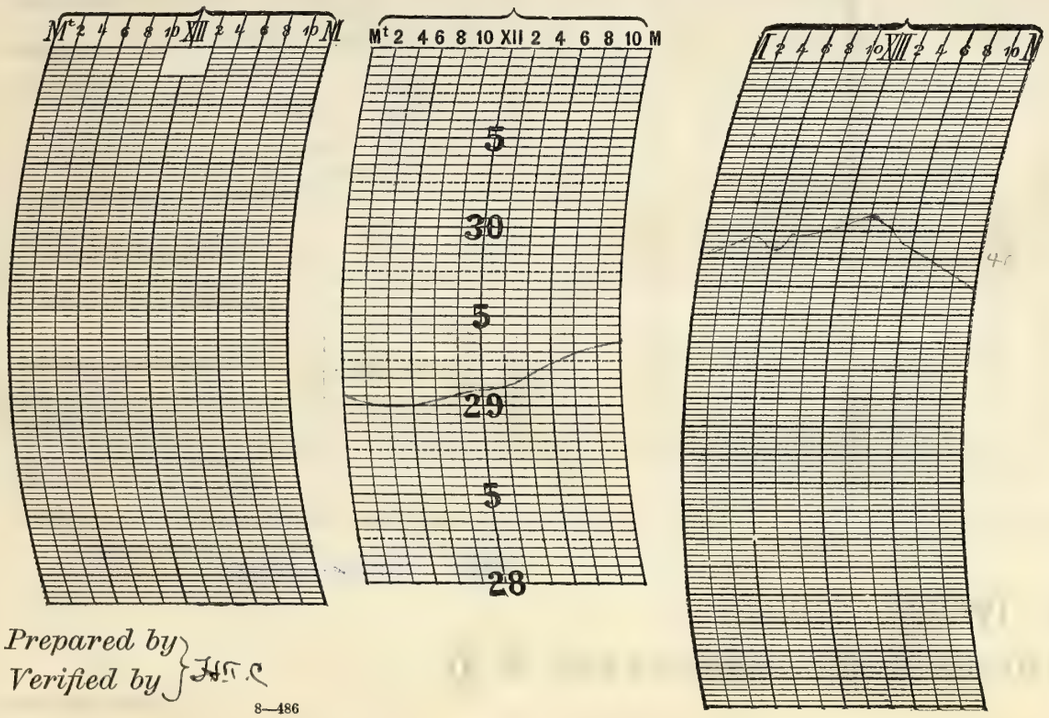
Maximum velocity,	Direction,	Time.
30 Ex 32	SW	10.52 p.m.

Relative humidity, 75 a. m. 63 p. m.

Reduced barometer, 29.95 a. m. 30.22 p. m.

River gage,

NOTES.



Prepared by
Verified by } HTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 24 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	33	33	32	31	32	35	41	46	48	50	53	54	53	53	52	51	50	44	48	48	47	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt Cloudy							Pt Cloudy										
Sunrise: Time, 6.03 Character, Cloudy																					Sunset: Time, 4.48 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0	1.0	1.0	0.7	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SE	SE	SE	SE	SE	S	S
Wind movement	23	21	21	23	21	17	12	11	11	11	9	10	7	6	7	6	5	6	5	6	7	7	7	6
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	31	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy 4. Moon phase,

Actual sunshine, hours, 6.5

Possible sunshine, hours, 10.78

Percentage of possible sunshine, 61

Prevailing direction SW

Total movement, 150

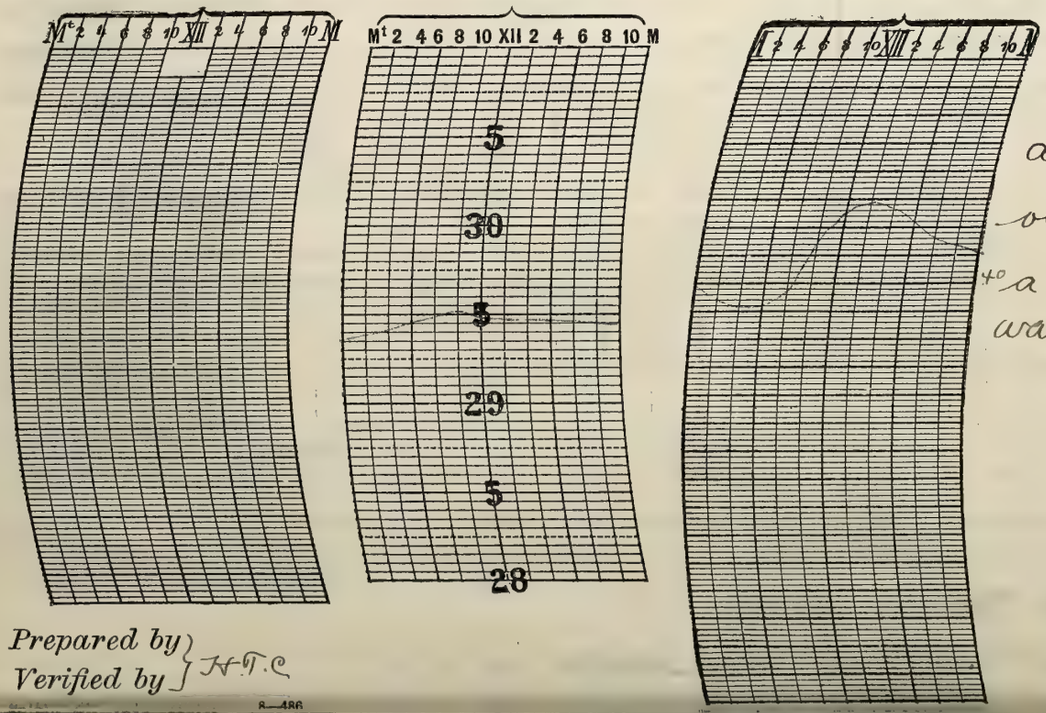
Average hourly velocity, 6.2

Maximum velocity,	Direction,	Time.
~~9M~~ 12	SW	12.25 a.m.
EK 12		

Relative humidity, 84 a. m. 62 p. m.

Reduced barometer, 30.45 a. m. 30.41 p. m.

River gage,



NOTES.

The first frost of the Autumn and also the killing frost of the Autumn occurred during the early morning when a minimum temperature of 31° degrees was recorded.

Prepared by } H.T.C.
Verified by }

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 25 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	45	44	43	42	40	41	44	47	51	55	58	59	61	62	62	58	55	54	53	48	47	46	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Clear										
Sunrise: Time, 604 Character, Clear																					Sunset: Time, 446 Character, Clear			
Sunshine (in tenths of hours)							93 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	06 0.4	.77 0							
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	NW	N	N	N
Wind movement	8	6	6	5	6	6	5	8	11	13	13	12	12	11	9	9	5	6	5	6	8	7	5	6
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
62	40	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 0 Moon phase,

Actual sunshine, hours, 10.7

Possible sunshine, hours, 10.7

Percentage of possible sunshine, 100

Prevailing direction, S, SW

Total movement, 188

Average hourly velocity, 7.8

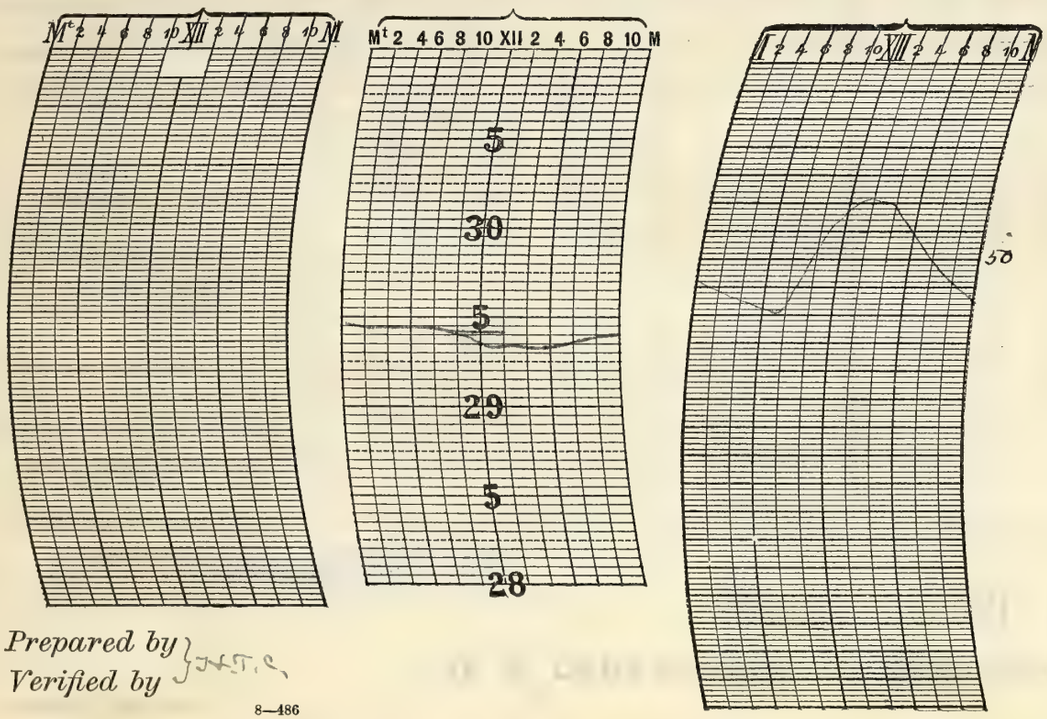
Maximum velocity,	Direction,	Time.
16 Ex. 17	SW	9.25 a.m.

Relative humidity, 75 a. m. 59 p. m.

Reduced barometer, 30.37 a. m. 30.27 p. m.

River gage,

NOTES.



Prepared by
Verified by } J.H.S.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 26 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	44	45	45	45	44	43	44	45	48	50	51	51	52	52	53	52	51	50	49	47	43 PB 9.20	40	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																						T	.03	.01
Cloudiness and other conditions							Pt Cloudy								Cloudy									
Sunrise: Time, 6.05 Character, Cloudy																					Sunset: Time, 4.45 Character, Cloudy			
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	0.8	0.3	0.1	0.1	0	0	0							
Wind direction	N	N	NE	N	NE	NE	NE	NE	E	E	SE	NE	NE	NE	N	N	NE	NE	N	N	N	N	N	N
Wind movement	7	5	6	7	6	4	6	6	9	5	5	5	5	5	4	5	4	5	7	8	10	9	10	8
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
53	39	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy & Moon phase,

Actual sunshine, hours, 3.4

Possible sunshine, hours, 10.7

Percentage of possible sunshine, 32

Prevailing direction N

Total movement, 151

Average hourly velocity, 6.3

Maximum velocity,	Direction,	Time.
14	N	8.35 pm.

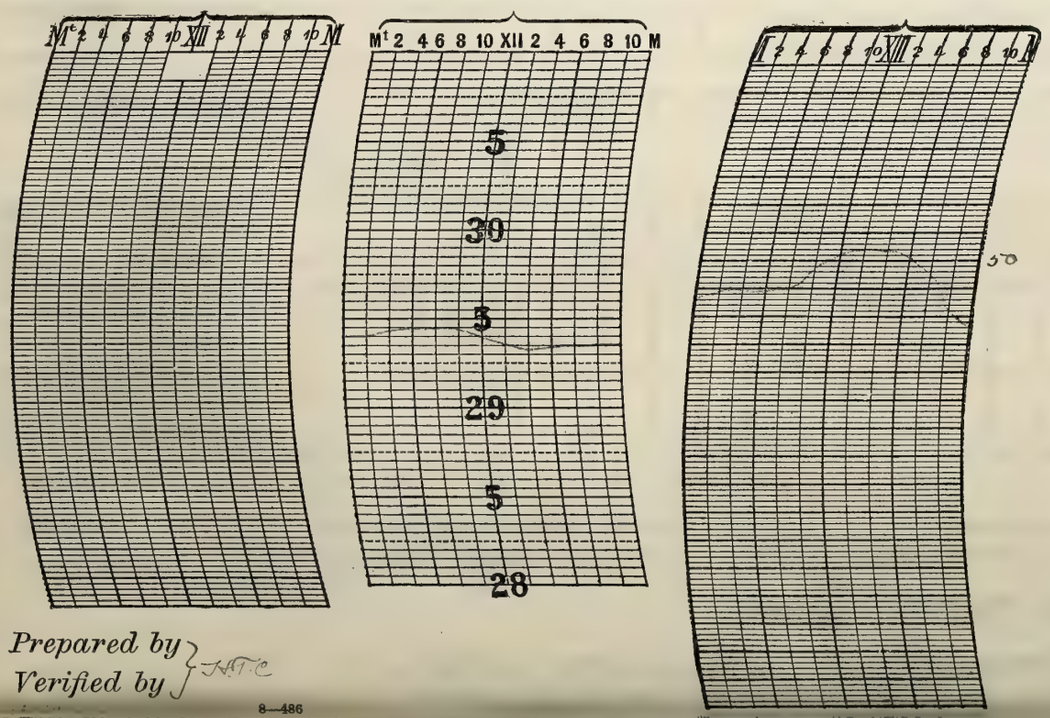
Ex 15

Relative humidity, 82 a. m. 65 p. m.

Reduced barometer, 30.36 a. m. 30.26 p. m.

River gage,

NOTES.



Prepared by
Verified by } JAT.C

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 27 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	38	37	36	36	35	36	35	37	37	38	37
Nature of precipitation and time of beginning and ending		RE PN										
Amounts of precipitation	.01	.01										
Cloudiness and other conditions						—			Cloudy	—		
Sunrise: Time, 6.06 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	N	N	N	N	N	N	N	N	NW	NW	NW	NW
Wind movement	6	8	8	7	7	4	6	5	5	4	6	7
Maximum velocities (exceeding 27 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	40	42	42	40	38	37	36	35	35	33	33
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				—	Pt Cloudy	—						
Sunset: Time, 4.44 Character, Clear												
Sunshine (in tenths of hours)	0	0.5	0.4	0.6 0.4	0.3 0							
Wind direction	NW	NW	N	N	N	NE	NE	NE	NE	NE	NE	0
Wind movement	7	6	7	7	5	7	5	3	2	1	1	0
Maximum velocities (exceeding 27 miles)												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	33	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy 8+ Moon phase,

Actual sunshine, hours, 2.6

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 25

Prevailing direction N

Total movement, 124

Average hourly velocity, 5.2

Maximum velocity,	Direction,	Time.
11 Ex 11	N	2.03 a.m

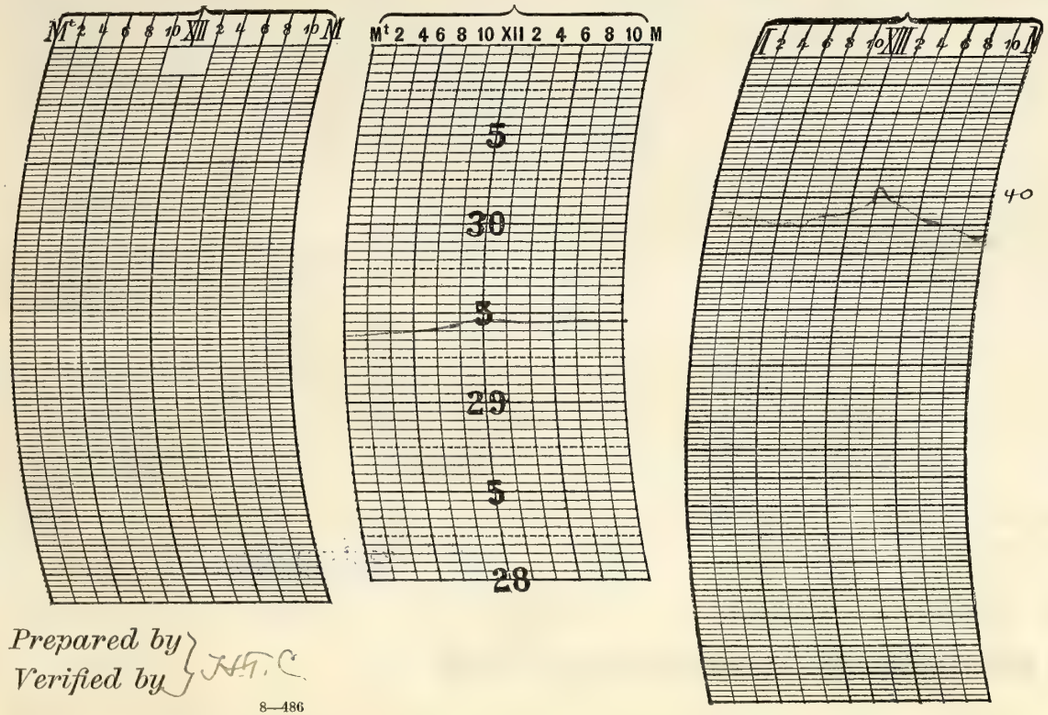
Relative humidity, 84 a. m. 79 p. m.

Reduced barometer, 30.33 a. m. 30.39 p. m.

River gage,

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 28 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	30	30	30	31	32	33	33	35	38	39	42	44	47	46	46	45	43	40	39	36	36	34	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy								Pt Cloudy									
Sunrise: Time, Character	6.07 Cloudy																				Sunset: Time, Character, 4.42 clear			
Sunshine (in tenths of hours)				0			0	0	0	0	0	0.6	0.9	1.0	1.0	0.4 0.6	0.7 0							
Wind direction	NE	NE	NE	N	NE	NE	NE	NE	NE	NE	NW	NW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	1	1	3	3	2	1	1	2	2	1	3	3	6	5	7	6	6	5	5	4	6	6	6	4
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
47	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt cloudy. 7 Moon phase,

Actual sunshine, hours, 5.2

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 49

Prevailing direction SW

Total movement, 89

Average hourly velocity, 3.7

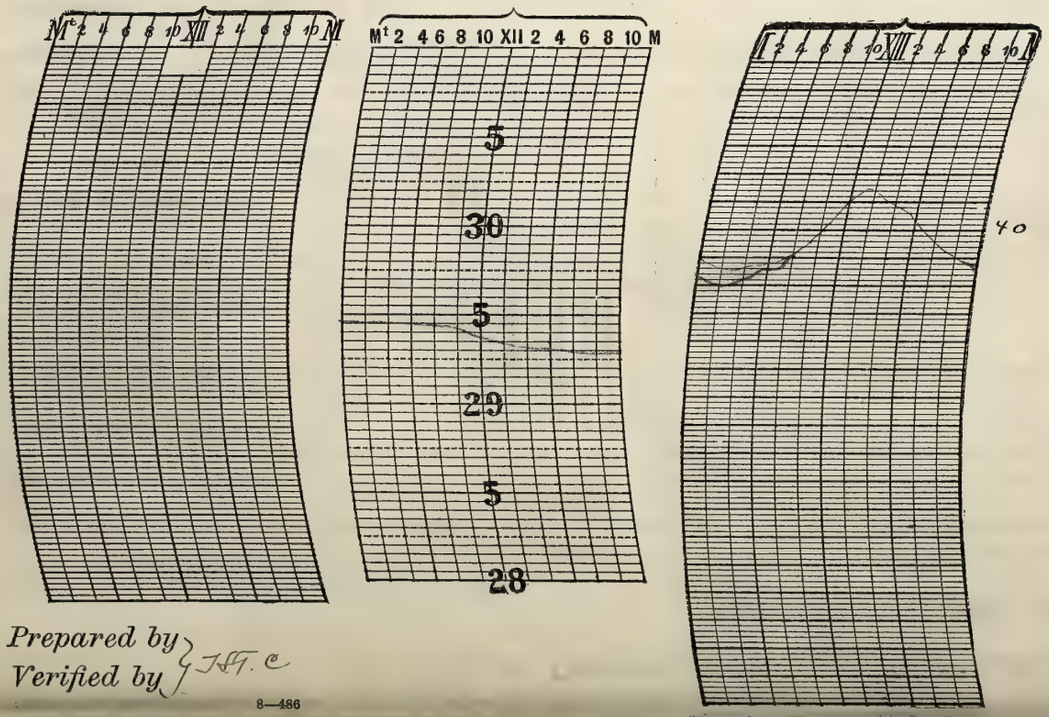
Maximum velocity, 8 Direction, SW Time, 4.05 p.m.

Ex 8

Relative humidity, 84 a. m. 64 p. m.

Reduced barometer, 30.38 a. m. 30.23 p. m.

River gage,



NOTES.

Prepared by
Verified by } J.H.T. C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 27 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	31	31	30	30	29	31	32	36	43	45	48	48	50	51	51	48	45	43	42	41	40	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						—		Clear			—		—		Clear			—						
Sunrise: Time, 6.09 Character, Clear																					Sunset: Time, 6.41 Character, Clear			
Sunshine (in tenths of hours)							8.5 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.6 0							
Wind direction	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	8	7	7	7	8	8	9	10	14	15	15	16	16	16	12	10	9	8	8	8	7	8	7
Maximum velocities (exceeding 40 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	29	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, clear 0 Moon phase,

Actual sunshine, hours, 10.5

Possible sunshine, hours, 10.5

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 239

Average hourly velocity, 10.0

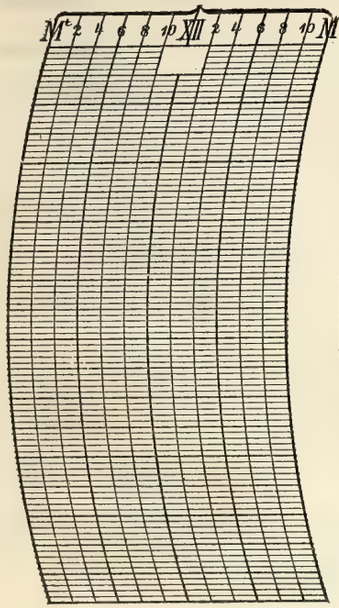
Maximum velocity,	Direction,	Time.
20 Ex 20	SW	11.30

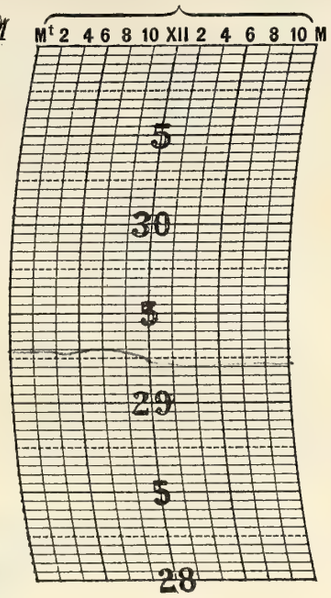
Relative humidity, 75 a. m. 68 p. m.

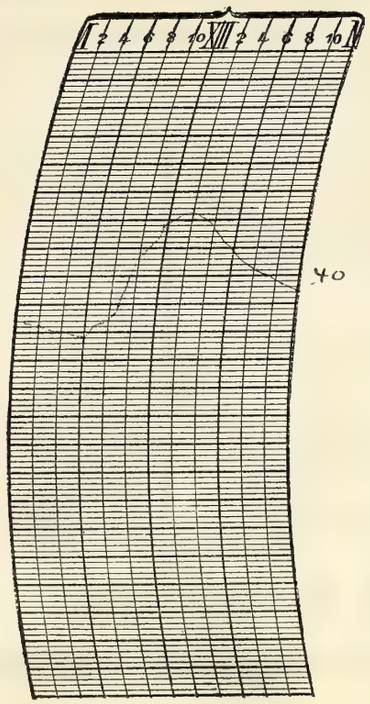
Reduced barometer, 30.21 a. m. 30.14 p. m.

River gage,

NOTES.







Prepared by
Verified by J.H.T.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT ~~28~~ 30 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	36	37	39	38	38 RB PN	39	40	41	42	43	45	45	45	44	44	44	44	44	43	45	45	46	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation						.01	.04	.01	T	.01	T	T	T	.01	.01	T	.02	.06	.05	.01	.01	.02	T	.01
Cloudiness and other conditions									Cloudy						Cloudy									
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SW	SE	E	E	E	E	E	E	SE	SE	SE
Wind movement	6	6	6	5	6	6	6	5	5	5	7	7	8	4	3	2	4	4	6	5	3	3	2	3
Maximum velocities (exceeding 29 miles)																								

Sunrise: Time, 6.10; Character, Cloudy

Sunset: Time, 4.40; Character, cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	36	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., .17 ins.

Total precipitation, midnight to midnight, .27 inches.

Character of day, cloudy 10 Moon phase, First Quarter

Actual sunshine, hours, 0

Possible sunshine, hours, 10.5

Percentage of possible sunshine, 0

Prevailing direction, SW

Total movement, 117

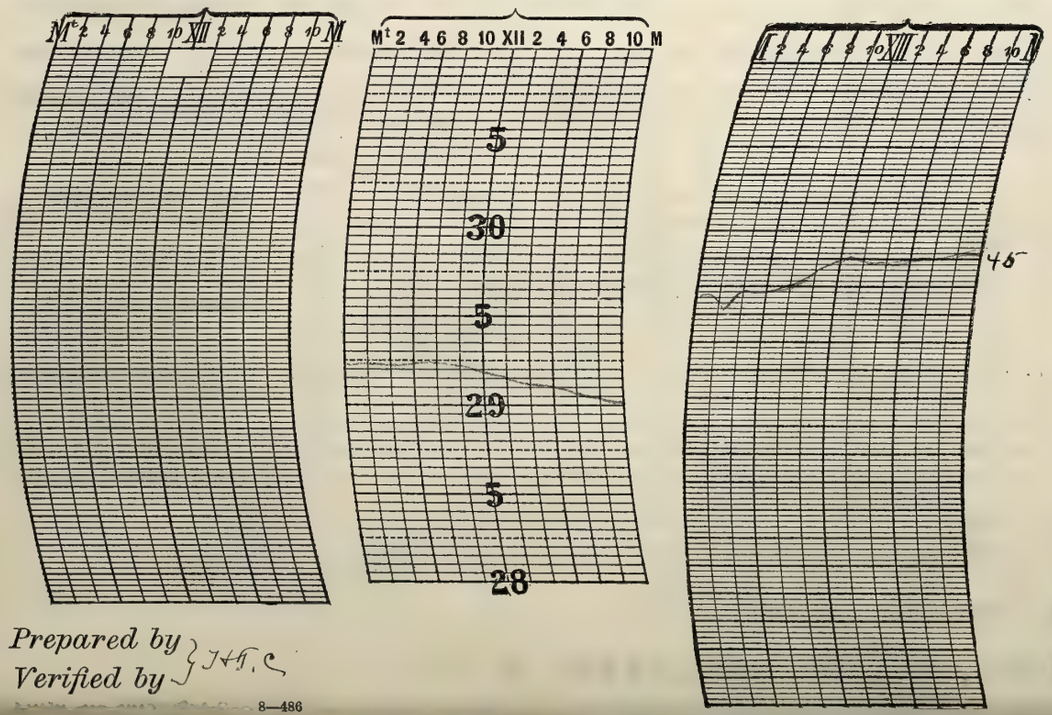
Average hourly velocity, 4.9

Maximum velocity,	Direction,	Time.
9 Ex 9	S	12.40 p.m.

Relative humidity, 92 a. m. 100 p. m.

Reduced barometer, 30.16 a. m. 30.03 p. m.

River gage,



NOTES.

Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT ~~29~~ 31 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	47	47	47	47	47	46	46	45	46	47	47
State of weather: Nature of precipitation and time of beginning and ending	RE DN					RB 6.05	RE 7.05					
Amounts of precipitation	T					.01	T					
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 6.11 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0.1
Wind direction	S	S	SW	SW	W	W	W	W	W	NW	NW	NW
Wind movement	3	5	7	10	11	11	10	7	10	10	8	10

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	49	49	48	47	45	44	43	42	41	41	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy									
Sunset: Time, 4.38 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	NW	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	7	7	8	6	4	6	7	4	4	1	3

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
49	41	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0.1

Possible sunshine, hours, ~~103~~ 10.4

Percentage of possible sunshine, 1

Prevailing direction NE

Total movement, 166

Average hourly velocity, 6.9

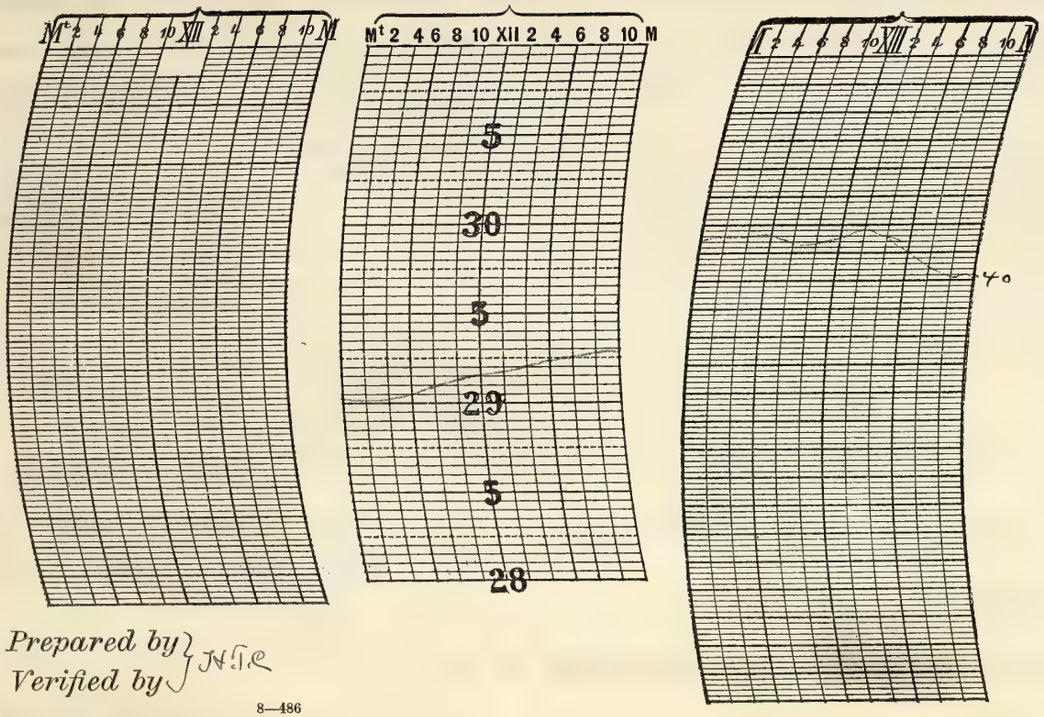
Maximum velocity,	Direction,	Time.
13 Ex 14	SW	4.30 a.m.

Relative humidity, 94 a. m. 82 p. m.

Reduced barometer, 30.00 a. m. 30.15 p. m.

River gage,

NOTES.



Prepared by } JHTR
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) ~~OCT 30 1911~~ NOV 1 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	42	42	42	42	40	41	40	41	42	43	44
State of weather: Nature of precipitation and time of beginning and ending		1				RB DN RS DN						
Amounts of precipitation						.01						
Cloudiness and other conditions							—	Cloudy	—			
Sunrise: Time, 6.12 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0.5	0.8	0.5	0.2
Wind direction	NE	E	NE	SE	S	W	NW	W	W	W	W	W
Wind movement	1	2	2	3	5	8	8	7	9	12	16	15

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	44	43	40	38	35	34	30	28	29	27	28
State of weather: Nature of precipitation and time of beginning and ending												SB DN SE DN
Amounts of precipitation												T
Cloudiness and other conditions			—	Cloudy	—							
Sunset: Time, 4.37 Character, Cloudy												
Sunshine (in tenths of hours)	0.3	0.1	0.1	0	0							
Wind direction	W	NW	W	NW	NW	NW	W	W	W	W	W	W
Wind movement	17	20	19	19	16	20	22	19	18	16	18	15

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
44	27	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy 8 Moon phase,

Actual sunshine, hours, 3.7

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 36

Prevailing direction W

Total movement, 307

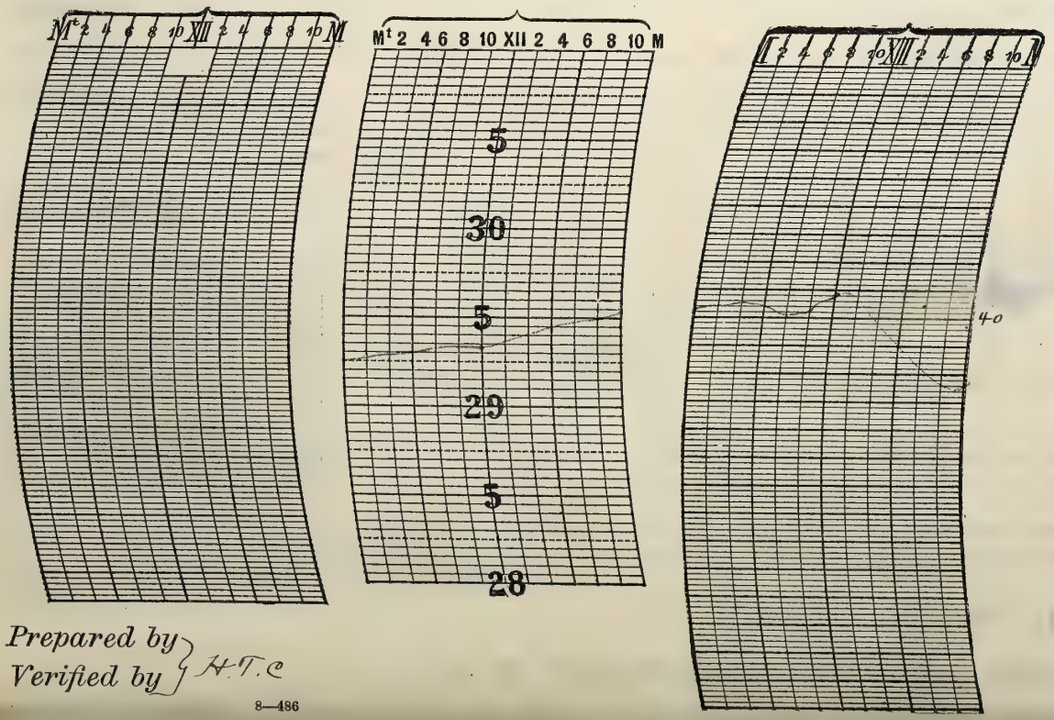
Average hourly velocity, 12.8

Maximum velocity,	Direction,	Time.
27 Ex 30	W	6.30 pm

Relative humidity, 80 a. m. 62 p. m.

Reduced barometer, 30.26 a. m. 30.40 p. m.

River gage,



NOTES.

Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) ~~OCT 31 1911~~ NOV 2 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	26	26	25	25	24	25	26	28	30	31	32	33	34	34	33	32	31	30	28	28	26	25	24
State of weather: Nature of precipitation and time of beginning and ending															SB 2.15 SE 2.25									
Amounts of precipitation															T									
Cloudiness and other conditions							Cloudy								Cloudy									
Sunrise: Time, 6.13 Character, Cloudy																					Sunset: Time, 4.36 Character, Cloudy			
Sunshine (in tenths of hours)							0	0.1	0.5	0.5	0.5	0.6	0.2	0.2	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	W	W	NW	NW	SW	SW	SW	SW	SW
Wind movement	12	11	12	11	10	8	7	9	8	9	9	12	13	13	12	13	9	7	6	5	7	7	8	8
Maximum velocities (exceeding 27 miles)																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum.	Minimum.	Mean.	Normal.
34	24	29	

Total depth of snow for 24 hours ending 7 p. m., T 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy 8 Moon phase,

Actual sunshine, hours, 2.6

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 25

Prevailing direction NW

Total movement, 226

Average hourly velocity, 9.4

Maximum velocity, 16 Direction, NW Time. 3.45 p.m.

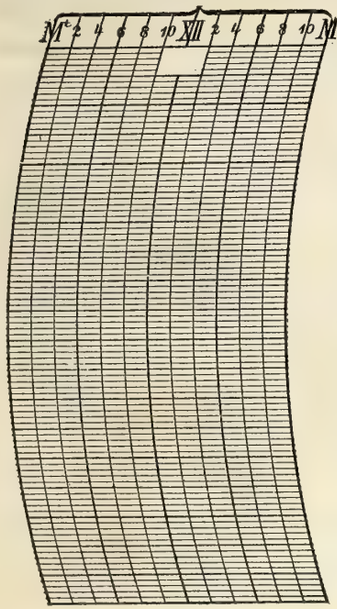
Ex 18

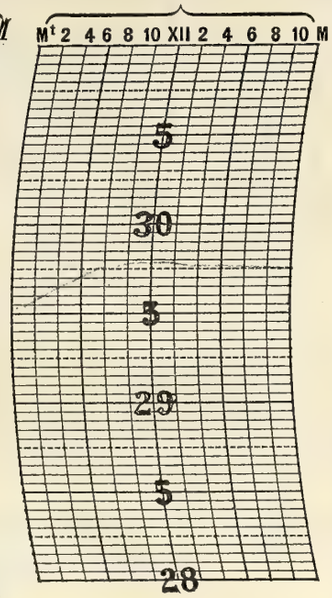
Relative humidity, 77 a. m. 73 p. m.

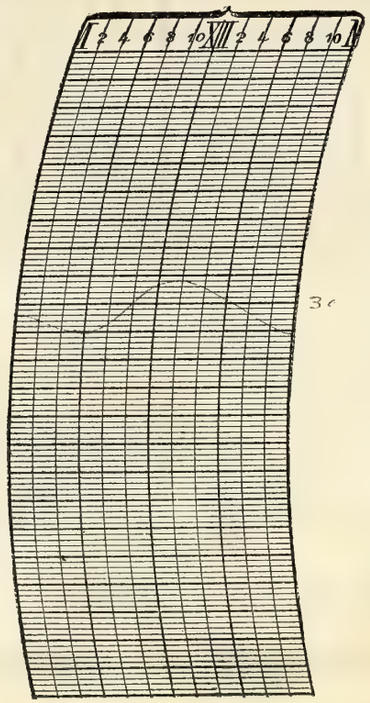
Reduced barometer, 30.70 a. m. 30.72 p. m.

River gage,

NOTES.







Prepared by } H.G.C
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 3 ~~1~~ 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	24	24	23	22	21	22	23	28	33	35	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					—	Pt Cloudy				—	×	—
Sunrise: Time, Character,	6.15 Cloudy											
Sunshine (in tenths of hours)							0	0	0.1	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW
Wind movement	7	6	7	7	8	8	10	7	6	6	8	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	39	39	38	37	36	36	36	36	36	33	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—	Cloudy										
Sunset: Time, Character,									4.35 Cloudy			
Sunshine (in tenths of hours)	0.8	0.8	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SE	SE	S	E	S
Wind movement	10	7	5	5	6	3	4	3	4	4	1	3

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
39	21	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy 6 Moon phase,

Actual sunshine, hours, 4.7

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 46

Prevailing direction SW

Total movement, 143

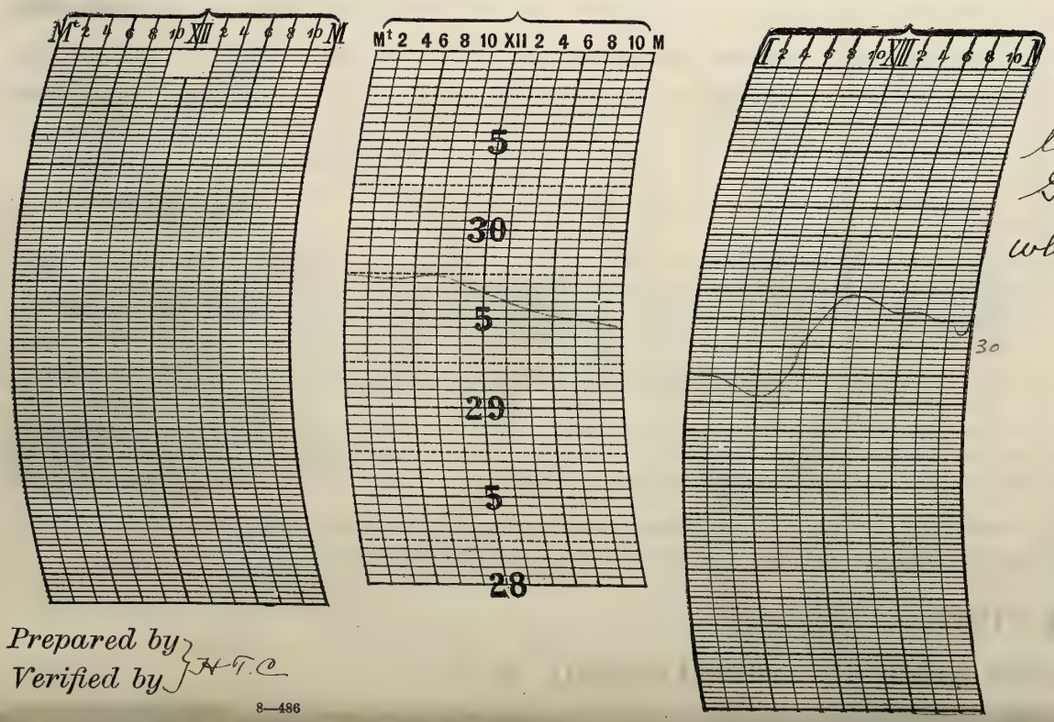
Average hourly velocity, 49

Maximum velocity,	Direction,	Time.
11	SW	6.30 p.m.

Relative humidity, 72 a. m. 48 p. m.

Reduced barometer, 30.71 a. m. 30.48 p. m.

River gage, First Reading A.M. 2.3 ft.



NOTES.

River Gauge placed upon its supports at the Columbia Street Bridge. ~~at~~ Gauge reading 2.3 ft above zero of gauge which is slightly below the river bed.

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV ~~2~~ 4 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	35	35	34	33 35	35	35	38	40	41	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	SE	S	S	S	S	SW	SW	SW
Wind movement	2	1	3	4	4	5	4	6	7	9	8	10

Sunrise: Time, 6.16 Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	45	45	44	43	43	42	42	41	40	39	39
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SW
Wind movement	12	11	12	9	8	5	3	3	4	3	5	4

Sunset: Time, 4.34 Character, Cloudy

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
45	34	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 0

Prevailing direction, SW

Total movement, 142

Average hourly velocity, 5.7

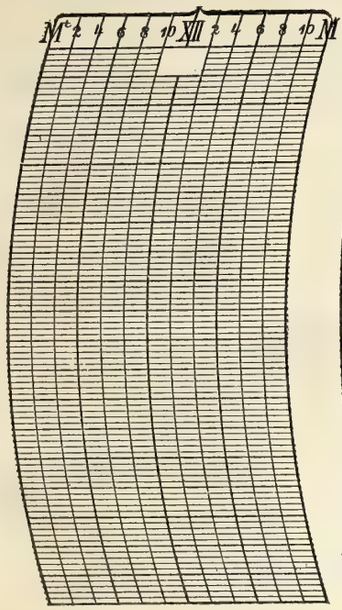
Maximum velocity,	Direction,	Time.
15 Ex. 17	SW	1.05 p.m.

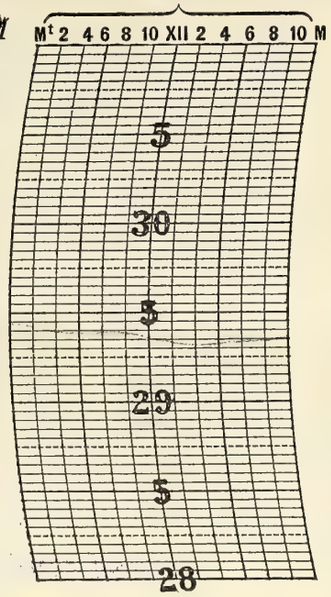
Relative humidity, 64 a. m. 67 p. m.

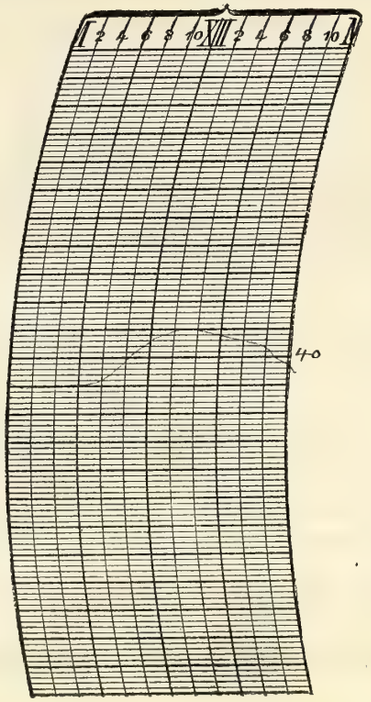
Reduced barometer, 30.34 a. m. 30.29 p. m.

River gage, 7.00 A.M. 2.3 ft.

NOTES.







Prepared by
Verified by } N.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 5 3 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	39	39	39	39	39	40	40	42	45	47	49
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Pt Cloudy →				
Sunrise: Time, 6.17 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0.2	1.0	1.0
Wind direction	SW	SW	SW	S	S	S	S	S	S	SE	SE	SE
Wind movement	4	3	4	5	5	6	4	5	3	4	5	8
Maximum velocities (exceeding 20 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	51	50	49	48	47	46	46	45	45	46
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy											
Sunset: Time, 4.33 Character, Cloudy												
Sunshine (in tenths of hours)	0.1	0.1	0	0	0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	SE
Wind movement	8	8	7	7	5	5	5	5	6	5	6	5
Maximum velocities (exceeding 20 miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
57	38	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy & Moon phase,

Actual sunshine, hours, 3.0

Possible sunshine, hours, ~~10.1~~ 10.2

Percentage of possible sunshine, 29

Prevailing direction SE

Total movement, 128

Average hourly velocity, 5.3

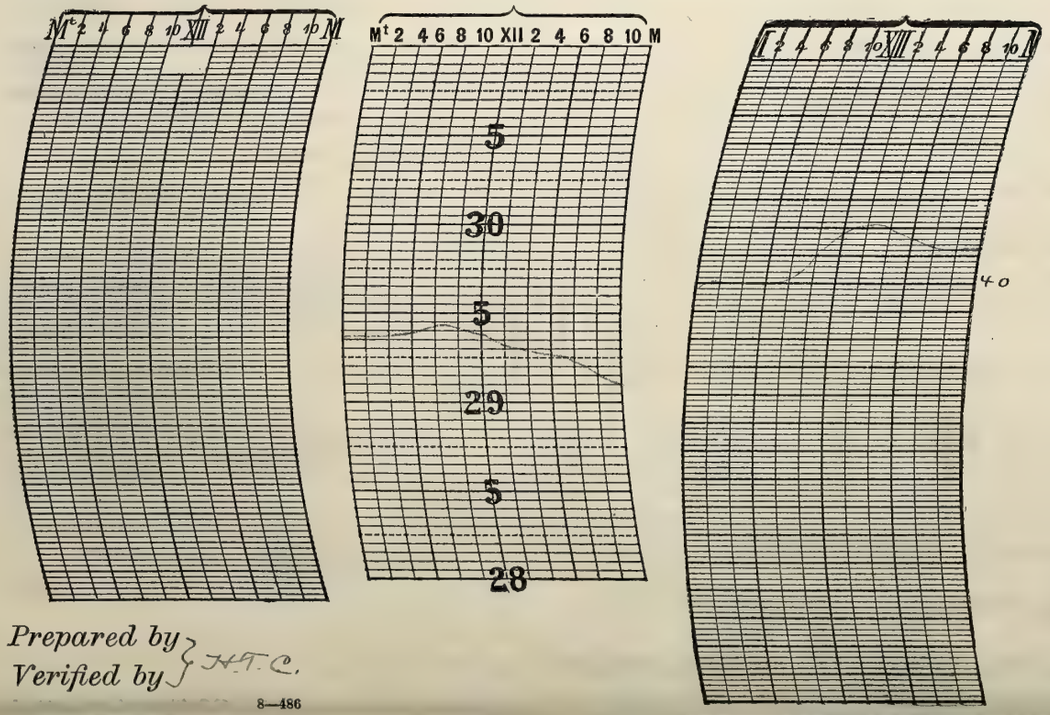
Maximum velocity,	Direction,	Time.
11 Ex 11	S	1245 p.m.

Relative humidity, 74 a. m. 73 p. m.

Reduced barometer, 30.36 a. m. 30.20 p. m.

River gage, 7.00 a.m. 2.3 ft

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV ~~4~~ 6 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	45	43	45	46	47	48	50	51	51	54	57
Nature of precipitation and time of beginning and ending			RB DN							RE 9.55		
Amounts of precipitation			T	.03	.05	.23	.09	.08	.01	.02		
Cloudiness and other conditions						Cloudy						
Sunrise: Time, 6.18 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	E	E	E	SE	SE	SE	SE	S	S	S	SW
Wind movement	4	7	8	7	8	8	10	11	12	15	16	18
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	60	58	56	54	52	51	50	50	50	50	44
Nature of precipitation and time of beginning and ending		RB 1.40	RE 2.45						RB 8.10	RE 9.40		
Amounts of precipitation		T	.01						T	.01		
Cloudiness and other conditions			Cloudy									
Sunset: Time, 4.[illegible] Character, Cloudy												
Sunshine (in tenths of hours)	0.8	0.1	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	22	20	21	24	21	23	20	19	20	21	22	25
Maximum velocities (exceeding 29 miles)	32 SW 12.30								30 SW 8.55			30 SW 11.15

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
61	43	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .40 ins.; to 7 p. m., .12 ins.

Total precipitation, midnight to midnight, .53 inches.

Character of day, Cloudy 9. Moon phase, Full Moon

Actual sunshine, hours, 0.9

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 9

Prevailing direction, SW

Total movement, 382

Average hourly velocity, 15.9

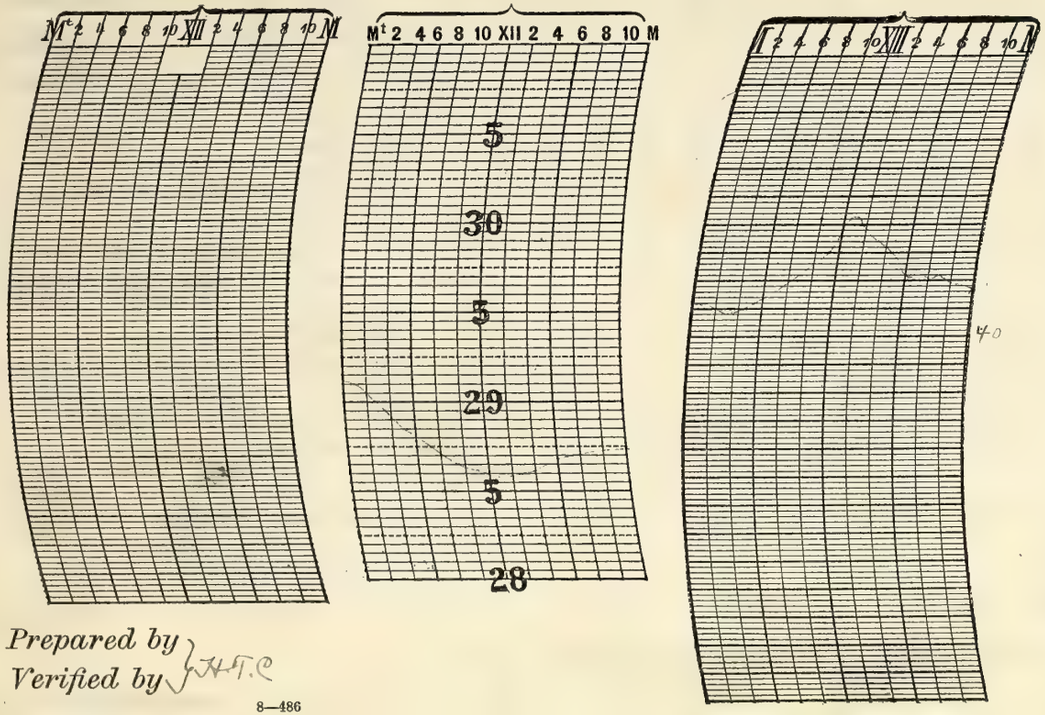
Maximum velocity,	Direction,	Time.
32 Ex. 34.	SW	12.30 p.m.

Relative humidity, 96 a. m. 84 p. m.

Reduced barometer, 29.67 a. m. 28.63 p. m.

River gage, 2.4 ft.

NOTES.



Prepared by
Verified by J.H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 7 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	46	45	44	44	42	43	42	42	43	44	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 6.19 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	23	23	21	20	20	22	27	21	21	22	21	23
Maximum velocities (exceeding 29 miles)							31 W 6.15					

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	48	47	46	45	45	45	44	43	41	39	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunset: Time, 4.30 Character, Cloudy												
Sunshine (in tenths of hours)	0.5	0.8	0.2	0	0							
Wind direction	W	W	W	W	NW	W	W	W	W	W	W	W
Wind movement	22	20	17	16	11	11	12	6	7	8	7	5

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
49	38	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 9 Moon phase,

Actual sunshine, hours, 1.5

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 15

Prevailing direction W

Total movement, 406

Average hourly velocity, 16.4

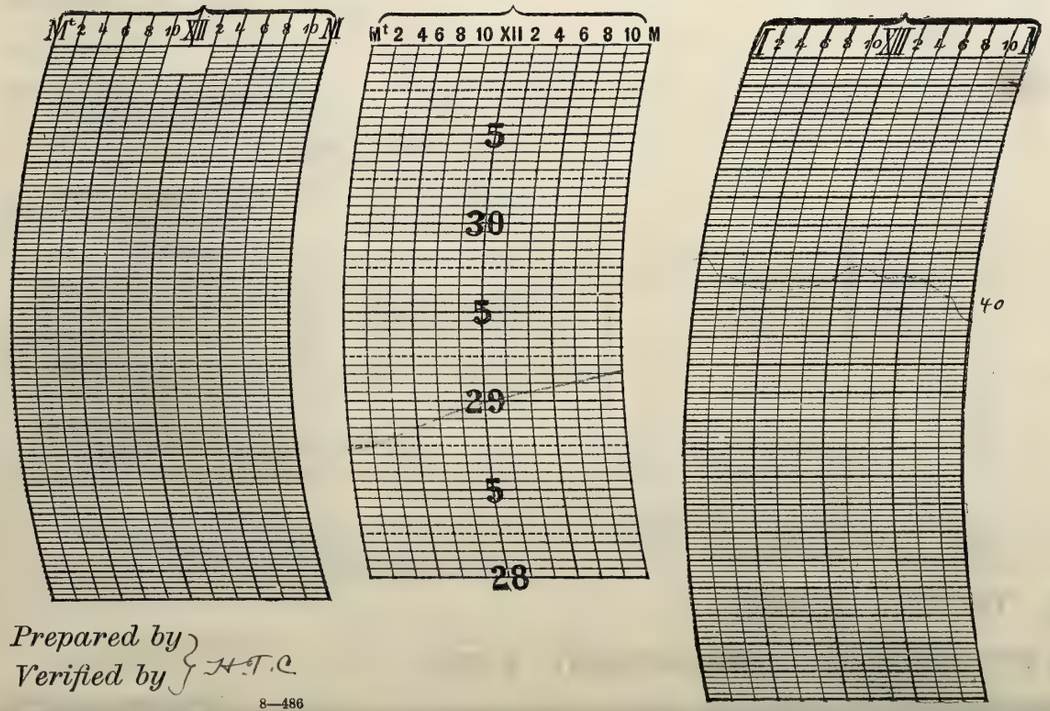
Maximum velocity,	Direction,	Time.
31 Ex 35	W	6.10 A.M.

Relative humidity, 68 a. m. 71 p. m.

Reduced barometer, 29.81 a. m. 30.04 p. m.

River gage, 7.00 A.M. 2.7 ft.

NOTES.



Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 8 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	34	34	33	34	34	34	35	37	38	41	43	44	45	46	45	43	42	40	38	37	36	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy								Cloudy									
	Sunrise: Time, 6.21 Character, Cloudy																				Sunset: Time, 4.29 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0.3	0.0	0.1	0.6	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	W	SW	NE	E	E	SE	SE	SE	SE	E	SE	E	E	E	E	E	E	E
Wind movement	8	8	7	5	3	3	1	2	2	4	6	5	5	6	5	5	5	4	6	6	7	7	7	6
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	33	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 9 Moon phase,

Actual sunshine, hours, 1.6

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 16

Prevailing direction E

Total movement, 123

Average hourly velocity, 5.1

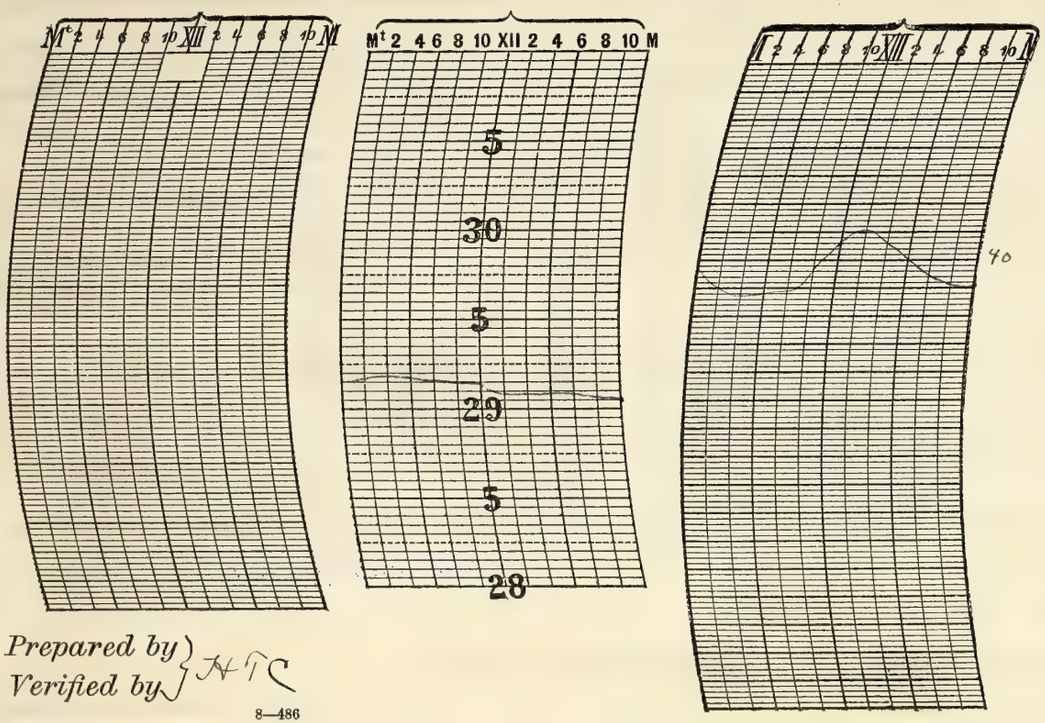
Maximum velocity,	Direction,	Time.
9 Ex 9	SW	10.05 A.M.

Relative humidity, 88 a. m. 72 p. m.

Reduced barometer, 30.09 a. m. 30.01 p. m.

River gage, 7.00 A.M. 3.0 ft.

NOTES.



Prepared by }
Verified by } H T C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 9 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	32	32	32	33	34	37	43	48	51	53	54	54	52	50	50	50	48	48	48	50	52
State of weather: Nature of precipitation and time of beginning and ending													RB 12.35 RE 12.40								RB 9.15	RE 10.30		
Amounts of precipitation													T								.03	.01		
Cloudiness and other conditions							— Pt Cloudy —								— Pt Cloudy —									
Sunrise: Time, 6.22 Character, Cloudy																					Sunset: Time, 4.28 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	0.8	0.4	0.9	0.2	0	0							
Wind direction	E	E	E	E	NE	NE	NE	E	E	E	E	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	SE	SE
Wind movement	5	6	5	5	5	4	6	6	7	7	7	6	5	7	9	8	8	8	8	9	9	10	12	15
Maximum velocities (exceeding 24 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	32	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.4 inches.

Character of day, Pt. Cloudy Moon phase,

Actual sunshine, hours, 5.1

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 50

Prevailing direction SE

Total movement, 184

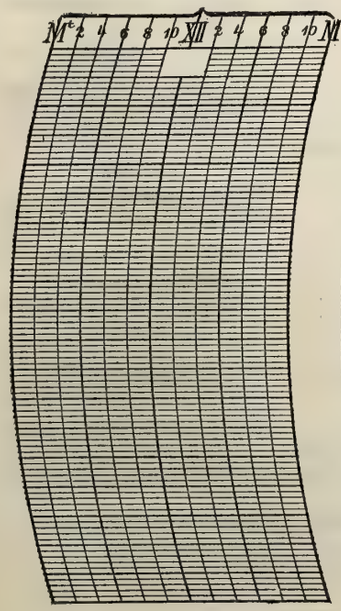
Average hourly velocity, 7.7

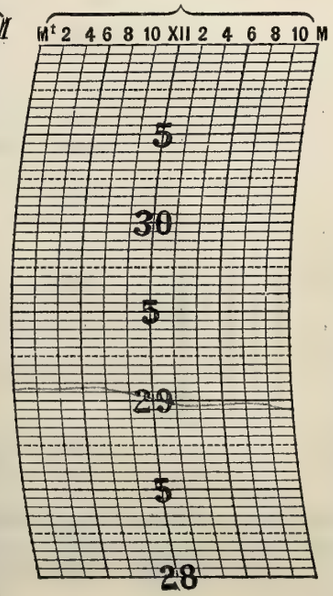
Maximum velocity,	Direction,	Time.
18 Ex 19	S	11.50 a.m.

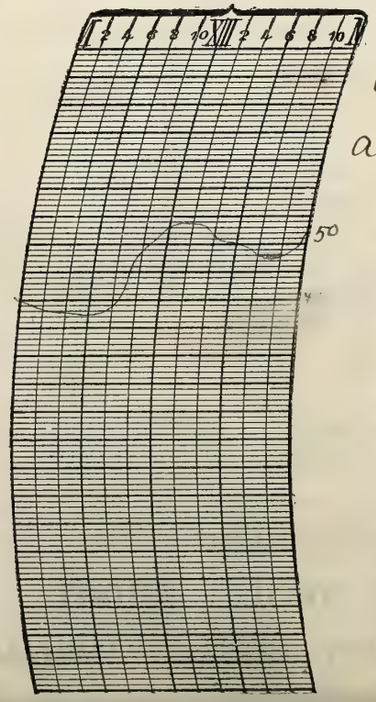
Relative humidity, 88 a. m. 87 p. m.

Reduced barometer, 29.99 a. m. 29.89 p. m.

River gage, 7.00 A.M. 3.0 ft.







NOTES.

A light thunderstorm occurred at the station at 9.00 p.m.

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 10 8 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	53	54	54	55	55	54	54	55	57	58	59	60	62	62	61	60	59	58	59	60	60	60	60
State of weather: Nature of precipitation and time of beginning and ending		RB DN	RB DN																					
Amounts of precipitation		.03	.01																					
Cloudiness and other conditions								Cloudy						Pt Cloudy										
Sunrise: Time, 6.23 Character, Cloudy																					Sunset: Time, 4.27 Character, Clear			
Sunshine (in tenths of hours)							0	0	0	0.2	0.2	0.8	0.2	0.8	0.9	0.5 (.45)	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SE	E	SE	S	S	S	S	S	S
Wind movement	17	16	15	14	13	12	12	9	11	16	15	13	14	11	6	4	4	7	15	16	15	13	15	9
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
62	53	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Pt Cloudy b. Moon phase,

Actual sunshine, hours, 4.5

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 45

Prevailing direction SW

Total movement, 292

Average hourly velocity, 10.1

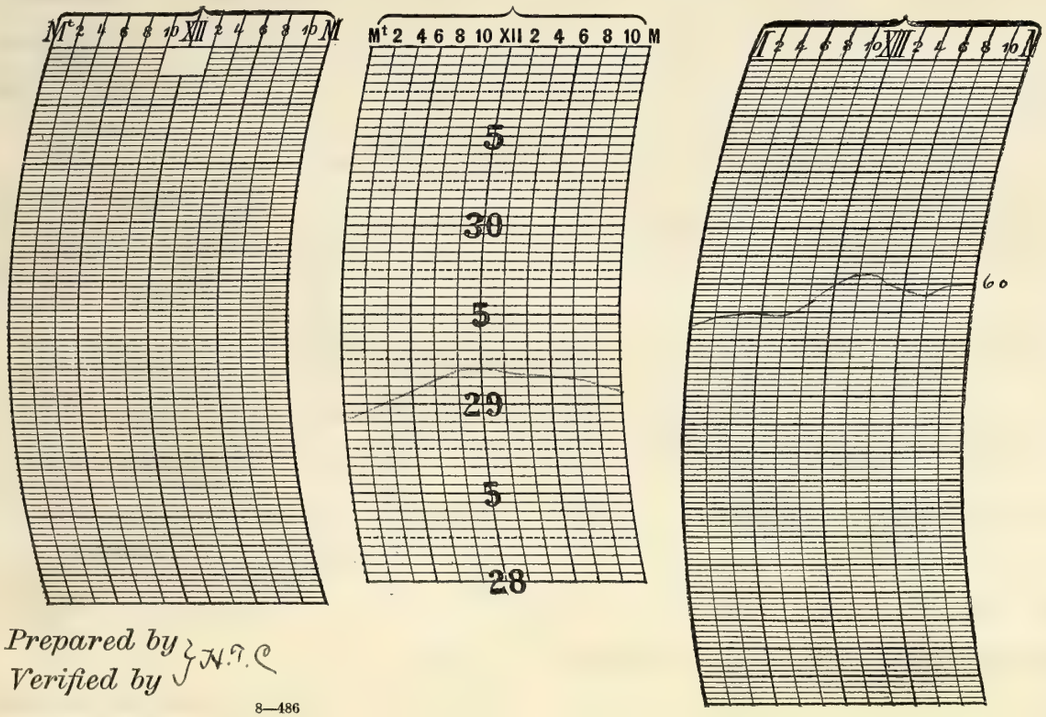
Maximum velocity,	Direction,	Time.
21 Ex. 22	S	12.55 AM

Relative humidity, 90 a. m. 77 p. m.

Reduced barometer, 30.03 a. m. 30.08 p. m.

River gage, 7.00 AM 3.1 ft

NOTES.



Prepared by
Verified by } J.N.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV ~~9~~ 11 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58 (57)	59	59	60	61	62	62	64	65	66	67	68	68	70	70	70	70	69	69	69	69	69	69 (B 10.10)	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																							07	.56
Cloudiness and other conditions						—		Cloudy				—	—		Cloudy									
Sunrise: Time, 6.24; Character, Cloudy																								
Sunset: Time, 4.26; Character, Cloudy																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SE	S	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	W
Wind movement	10	12	10	14	17	14	14	18	19	22	22	23	22	21	21	27	29	32	31	31	31	32	33	13
Maximum velocities (exceeding 29 miles)																31 S 3.55	35 S 4.30	36 S 5.35	37 S 6.15	34 S 7.45	34 S 8.30	35 S 9.55	40 S 10.02	

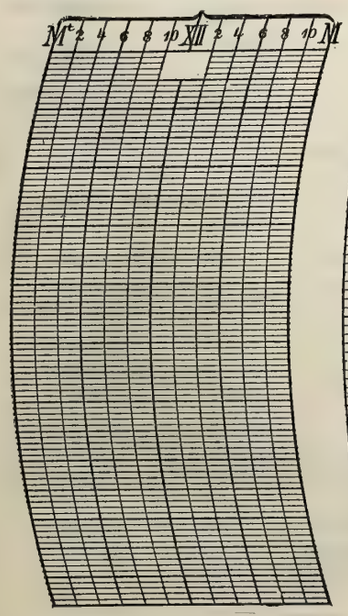
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	10.10p (11)	DNe (12)	.75	11.04p	11.14p	.11	.24	.30												

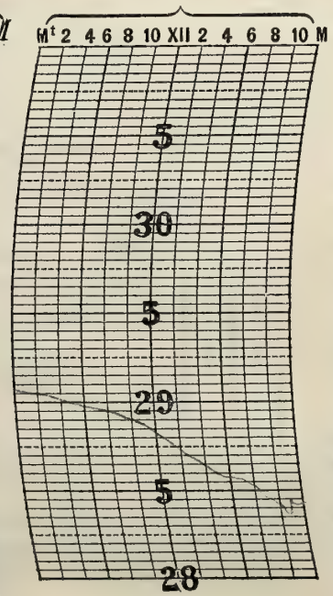
	Maximum.	Minimum.	Mean.	Normal.
	70	55	62	

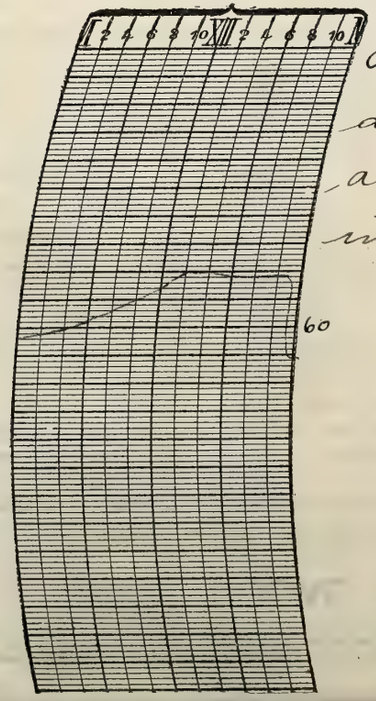
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .63 inches.
Character of day, Cloudy 10 Moon phase,
Actual sunshine, hours, 0
Possible sunshine, hours, 10.0
Percentage of possible sunshine, 0
Prevailing direction, S
Total movement, 518
Average hourly velocity, 21.6

Maximum velocity,	Direction,	Time.
40 Ex ~~55~~ 48	S	10.02 p.m.

Relative humidity, 90 a. m. 74 p. m.
Reduced barometer, 29.85 a. m. 29.44 p. m.
River gage, 700 A.M. 2.9 ft







NOTES.

A thunderstorm of moderate intensity accompanied by a heavy rainfall occurred at 11.00 p.m. followed by a decided drop in temperature.

Prepared by
Verified by H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 12 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	47	40	24	23	17 (17)	18	15	15	15	15	16	16	17	17	16	15	14	14	13	13	12	12	11
State of weather: Nature of precipitation and time of beginning and ending			RE DN	SB PN														SE 6.30						
Amounts of precipitation	.07	.01	.04																					
Cloudiness and other conditions							—	Cloudy	—				—	Pt Cloudy	—									
Sunrise: Time, 6.25; Character, Cloudy																					Sunset: Time, 4.25; Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.3	0	0.3	0.8	0.1	0	0	0							
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W
Wind movement	17	23	25	30	24	29	29	28	28	27	27	27	30	28	27	27	24	24	25	26	24	22	23	21
Maximum velocities (exceeding 24 miles)		30 SW 1.10	34 SW 2.40	36 W 3.15	31 SW 4.55	38 SW 5.10	33 SW 6.30	35 SW 7.55	36 SW 8.42	32 SW 9.33	32 SW 10.32	34 SW 11.10	36 SW 12.25	34 SW 1.30	37 SW 2.45	34 SW 3.50	30 SW 4.12	30 SW 5.55	30 SW 6.10	32 SW 7.42	30 W 8.50	~~30~~	30 SW 10.25	

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum 55 — Minimum 11 — Mean 33 — Normal

Total depth of snow for 24 hours ending 7 p. m., .07 inches.

Snow on ground 7 p. m., 1 inches.

Total snowfall, midnight to midnight, .07 inches.

Precipitation to 7 a. m., .80 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .19 inches.

Character of day, Cloudy, .8 Moon phase,

Actual sunshine, hours, 1.5

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 15

Prevailing direction SW

Total movement, 615

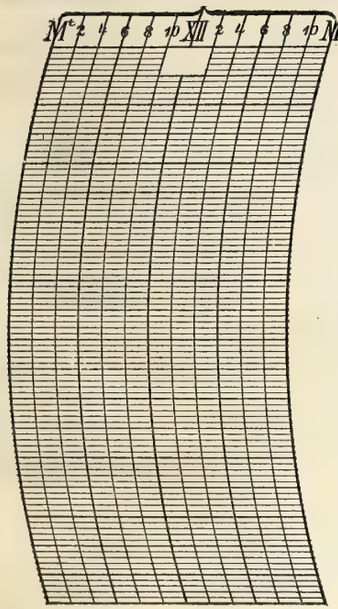
Average hourly velocity, 25.6

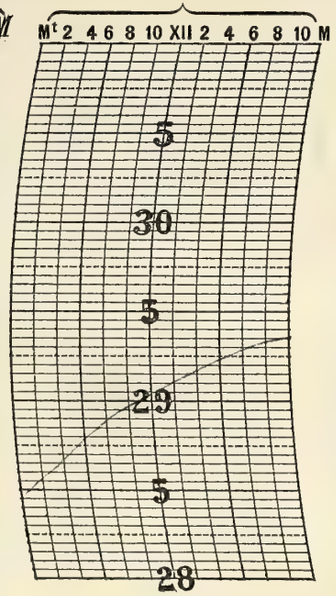
Maximum velocity,	Direction,	Time.
38 Ex 46	SW	5.10 AM.

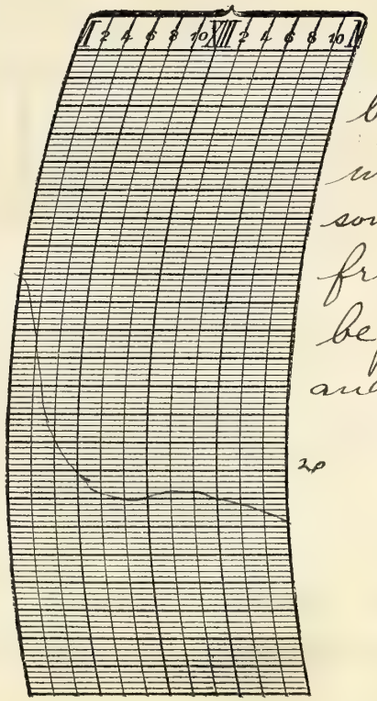
Relative humidity, 92 a. m. 60 p. m.

Reduced barometer, 29.75 a. m. 30.22 p. m.

River gage, 7.00 AM. 4.8 ft







NOTES.

The rain ended during the early morning between 2.00 and 3.00 A.M. and the decided fall in temperature to below freezing caused some of the water on the streets and walks to freeze and with the light snowfall which began between 3.00 and 4.00 A.M. made the streets and walks very slippery and unsafe to walk on.

Prepared by } J. H. T. C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 13 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	11	10	10	10	11	12	13	15	17	18	20	21	22	22	23	22	22	21	22	23	23	22	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							—		Clear				—		Clear			—						
Sunrise: Time, 6.26; Character, Cloudy																					Sunset: Time, 4.25; Character, Clear			
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.5 .42	0							
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	S	S	S
Wind movement	20	19	15	17	14	15	13	11	14	14	16	15	17	13	14	11	11	10	10	10	11	11	11	8
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

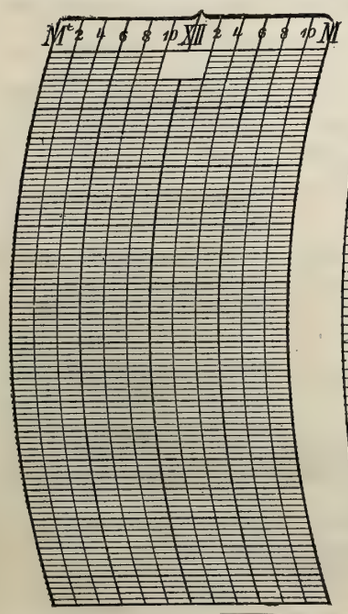
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

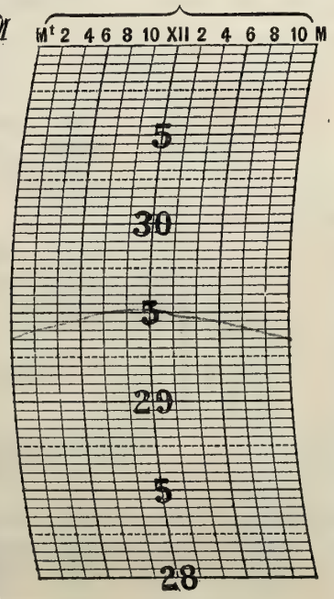
	Maximum.	Minimum.	Mean.	Normal.
	23	10	16	

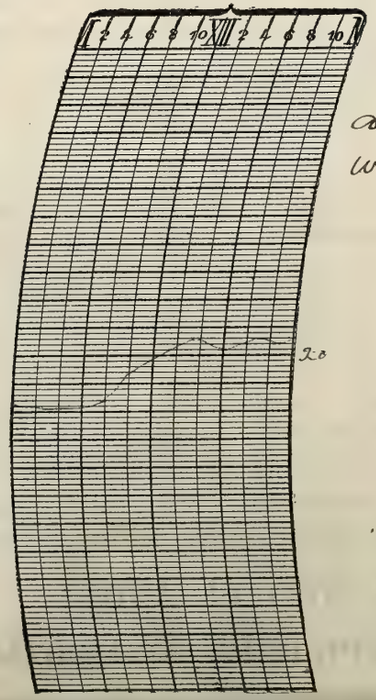
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear 2. Moon phase Last Quarter
Actual sunshine, hours, 8.4
Possible sunshine, hours, 10.0
Percentage of possible sunshine, 84
Prevailing direction SW
Total movement, 320
Average hourly velocity, 13.3

Maximum velocity,	Direction,	Time.
25 Ex 26	SW	12.55 A.M.

Relative humidity, 72 a. m. 50 p. m.
Reduced barometer, 30.47 a. m. 30.40 p. m.
River gage, 7.00 A.M. 5.9 ft







NOTES.

The streets were mostly cleared of the snow and ice but in many places the walks were still covered with snow and ice.

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 14 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	22	23	23	24	24	26	27	28	30	31	27 ~~Hte~~ SB 11.10
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	6.28 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	SW
Wind movement	6	6	4	4	3	6	7	7	10	11	15	14

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	26	28	30	31	31	31	31 SE 8.10	31	30	29	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Cloudy										
Sunset: Time, Character,									4.24 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	W	W
Wind movement	11	10	9	11	10	8	6	5	4	6	5	6

Maximum velocities (exceeding 22 miles) 9

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	31	21	26	

Total depth of snow for 24 hours ending 7 p. m., 2.2 inches.

Snow on ground 7 p. m., 2.2 inches.

Total snowfall, midnight to midnight, 2.2 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .20 ins.

Total precipitation, midnight to midnight, .20 inches.

Character of day, Cloudy .10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 0

Prevailing direction S

Total movement, 184

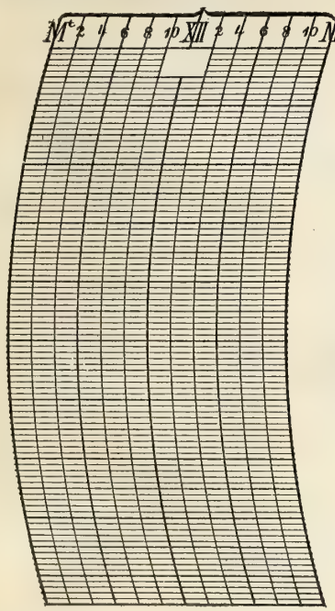
Average hourly velocity, 7.7

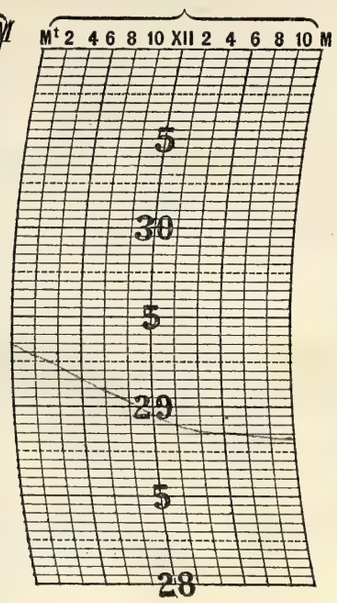
Maximum velocity,	Direction,	Time.
18 Ex. 19	SW	11.25 AM.

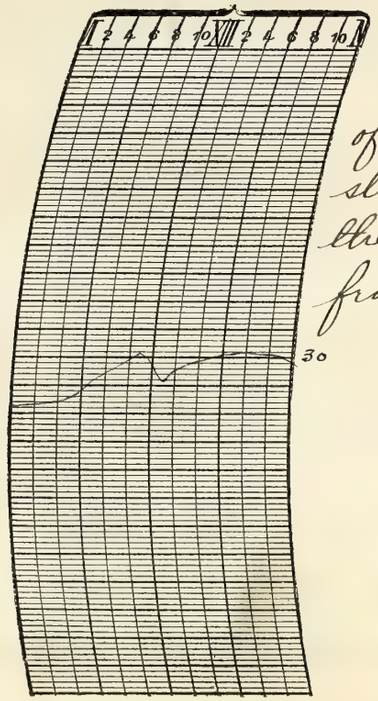
Relative humidity, 70 a. m. 87 p. m.

Reduced barometer, 30.09 a. m. 29.77 p. m.

River gage, 7.00 AM. 5.5 ft.







NOTES.

The snow which was falling during part of the forenoon and afternoon made the streets and walks slippery and especially the walks as they were not entirely free from ~~snow~~ ice from the previous day

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 15 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	29	28	27	26	24	24	26	30	32	33	32	31	30	30	30	29	28	28	26	26	26	26	25
												SB 11.40				SE 3.30								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt cloudy						cloudy											
	Sunrise: Time, 6.29 Character, Cloudy																				Sunset: Time, 4.23 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	0.2	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	NW	W	W	W	W	W	W	W
Wind movement	7	10	11	11	11	11	10	12	13	14	12	13	14	11	11	13	14	13	9	10	8	7	7	5
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	24	28	

Total depth of snow for 24 hours ending 7 p. m., .01 inches.

Snow on ground 7 p. m., 1.2 inches.

Total snowfall, midnight to midnight, .01 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy 8, Moon phase,

Actual sunshine, hours, 3.0

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 30

Prevailing direction W

Total movement, 257

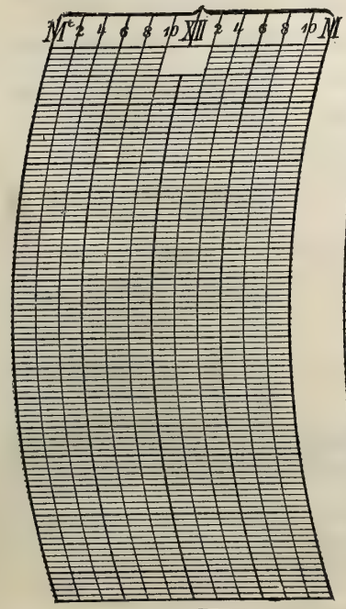
Average hourly velocity, 10.7

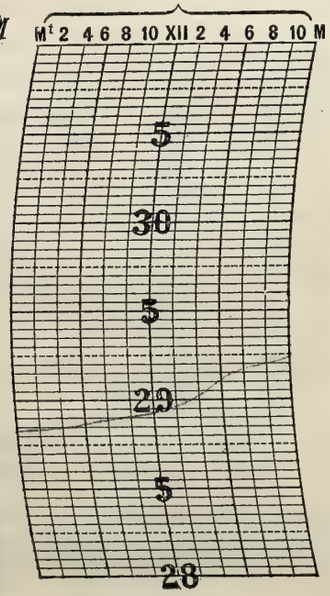
Maximum velocity,	Direction,	Time.
16 Ex 20	NW	4.53 pm.

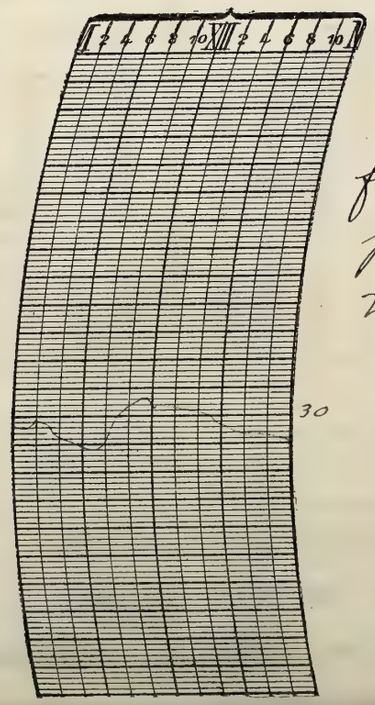
Relative humidity, 83 a. m. 75 p. m.

Reduced barometer, 29.81 a. m. 30.02 p. m.

River gage, 7.00 AM 5.1 ft







NOTES.

The streets and walks are very slippery from the moist snow that fell the ~~day~~ previous day and froze during the night.

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 16 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	25	25	24	23	22	23	24	24	26	28	30	30	31	30	30	29	28	28	28	28	28	28	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								clear					cloudy											
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	1.0	1.0	0.6	0.3	0	0	0							
Wind direction	W	W	NW	NE	NE	E	E	E	SE	E	E	SE	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	5	4	4	6	4	5	4	5	5	8	6	6	7	6	7	10	9	11	9	9	11	10	12	9
Maximum velocities (exceeding 27 miles)																								

Sunrise: Time, 6.30; Character, Cloudy

Sunset: Time, 4.22; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	31	22	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 1.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy 6, Moon phase,

Actual sunshine, hours, 5.0

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 51

Prevailing direction E

Total movement, 172

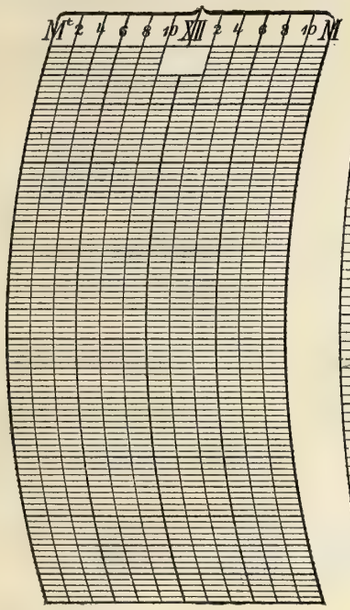
Average hourly velocity, 7.2

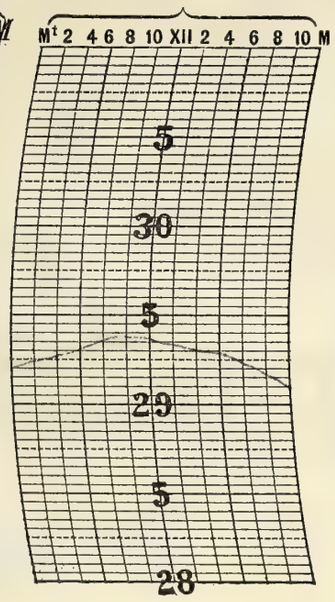
Maximum velocity,	Direction,	Time.
13 Ex 14	E	10.05 p.m.

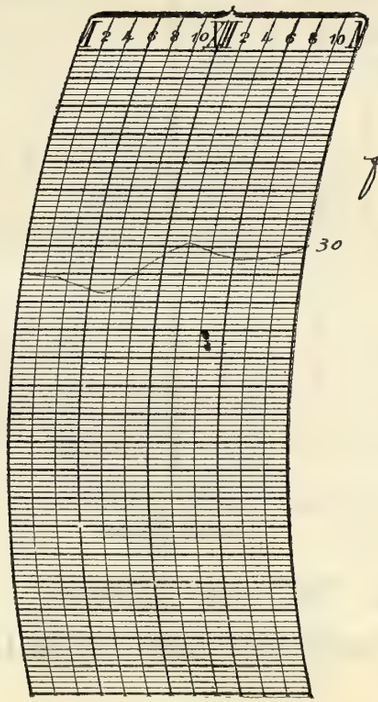
Relative humidity, 76 a. m. 70 p. m.

Reduced barometer, 30.34 a. m. 30.02 p. m.

River gage, 7.00 A.M. 4.4 ft







NOTES.

The walks and streets were slippery from snow and ice.

Prepared by }
Verified by } H.H.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 17 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	32	33	33	33	32	38	38	40	42	44	45	46	47	49	51	44	42	38	35	33	32	31	31
				RB DN														RE 5.15	39					
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation								.24	.24	.11	.06	.11	.04	.05	.01	T	.05	.02						
Cloudiness and other conditions								Cloudy					Cloudy											
Sunrise: Time, 6.31 Character, Cloudy																					Sunset: Time, 4.21 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	SE	SE	S	S	S	S	S	S	S	S	SW	SW	SW	SW	W	SW	W	SW
Wind movement	10	9	10	9	7	9	9	12	14	16	20	22	20	18	23	24	26	26	25	28	27	25	26	23
Maximum velocities (exceeding 29 miles)																30 W 3.15	34 SW 4.50	32 W 5.40	32 SW 6.20	31 SW 7.35	35 SW 8.03	31 SW 9.05	30 W 10.30	

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
57	29	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .40 ins.; to 7 p. m., .93 ins.

Total precipitation, midnight to midnight, 1.33 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 0

Prevailing direction, S

Total movement, 438

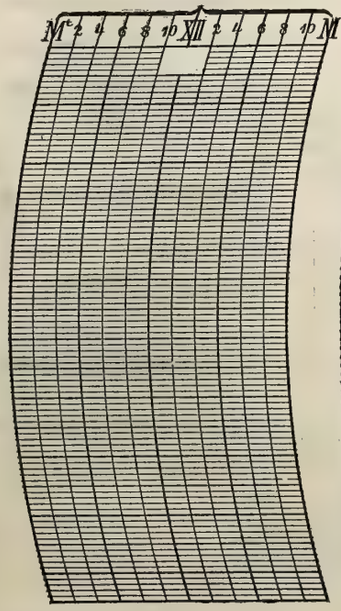
Average hourly velocity, 18.2

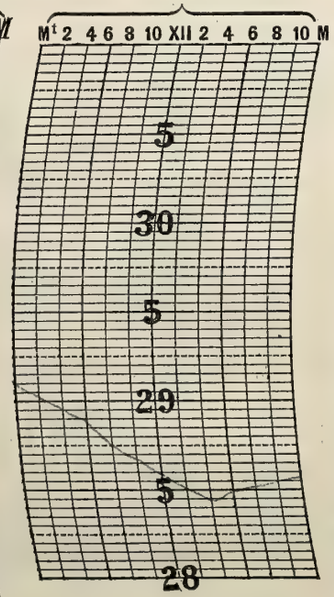
Maximum velocity,	Direction,	Time.
35 Ex 42	SW	8.02 p.m.

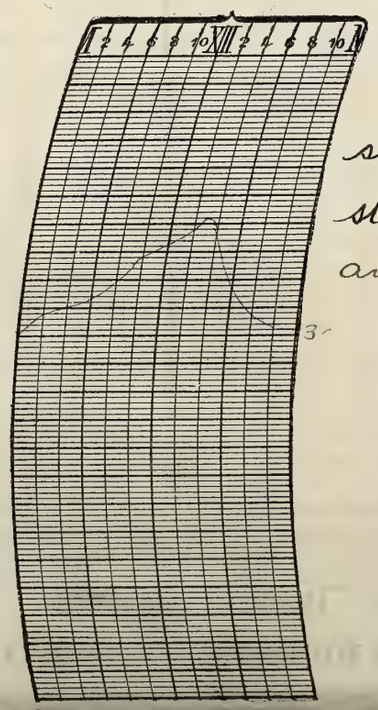
Relative humidity, 100 a. m. 88 p. m.

Reduced barometer, 29.77 a. m. 29.43 p. m.

River gage, 7.00 A.M. 4.2 ft.







NOTES.

The rain during the day melted the snow and ice ~~on~~ so that by night the streets and walks were free from snow and ice.

Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 18 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	31	31	30	30	30	29	29	30	31	33	34	34	35	34	32	30	28	28	28	27	26	26	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Pt Cloudy				Pt Cloudy											
Sunrise: Time, 632 Character, Cloudy																					Sunset: Time, 420 Character, Cloudy			
Sunshine (in tenths of hours)							0	0.2	0.3	1.0	0.8	0.8	0.9	0.8	0.6	0.5	0							
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	22	23	23	23	22	26	24	24	25	28	30	30	33	30	26	22	21	22	23	23	21	24	22	21
Maximum velocities (exceeding 29 miles)						33 SW 5.45			30 SW 8.35	35 SW 9.55	35 SW 10.15	36 SW 11.15	37 SW 12.30	35 SW 1.10	31 W 2.05					32 W 7.05	30 W 8.05	30 W 9.35	30 W 10.05	

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	26	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy 7 Moon phase,

Actual sunshine, hours, 5.9

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 60

Prevailing direction SW

Total movement, 588

Average hourly velocity, 24.0

Maximum velocity, 37 Direction, SW Time, 12.30 p.m.

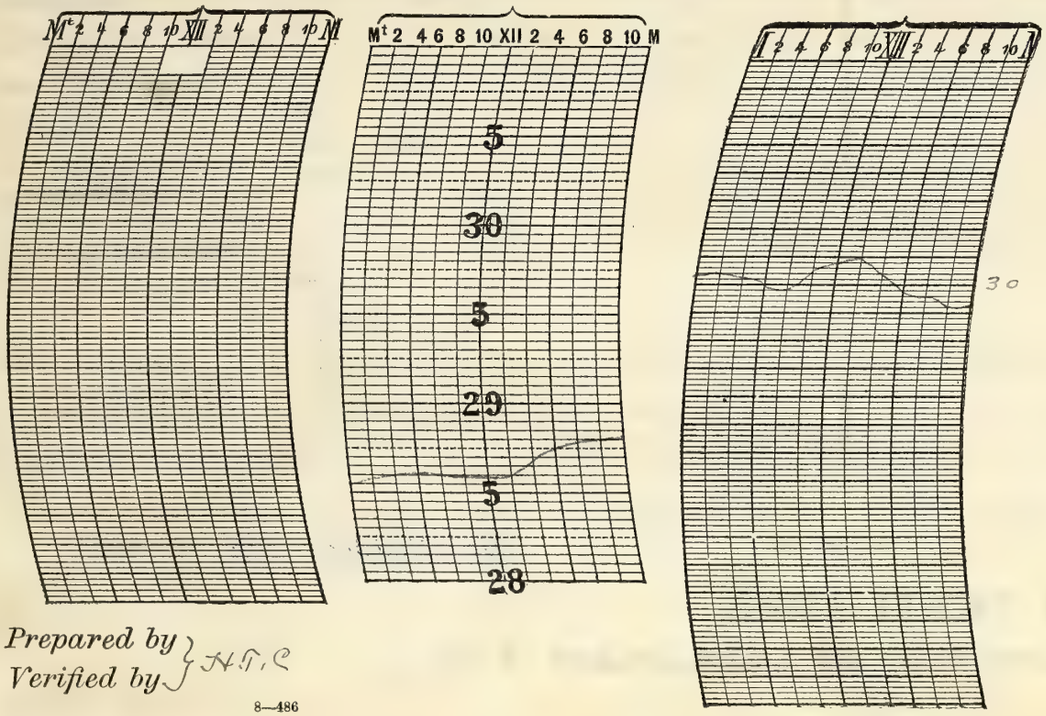
Ex 42

Relative humidity, 71 a. m. 71 p. m.

Reduced barometer, 29.56 a. m. 29.70 p. m.

River gage, 7.00 A.M. 11.5 ft.

NOTES.



Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 19 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	25	25	25	25	25	25	23	24	26	28	30	32	33	34	33	32	31	30	30 SB 7.45	30	30	30	30
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								—	Pt Cloudy			—		Pt Cloudy			—							
Sunrise: Time, 6.33 Character, Cloudy																					Sunset: Time, 4.20 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.6	1.0	0.8	1.0	1.0	1.0	0.9	0	0							
Wind direction	W	W	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW
Wind movement	20	16	16	16	14	13	13	12	13	12	11	15	16	16	15	12	9	9	13	7	7	5	7	7
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	23	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.6 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Pt Cloudy 5 Moon phase,

Actual sunshine, hours, 6.3

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 64

Prevailing direction SW

Total movement, 294

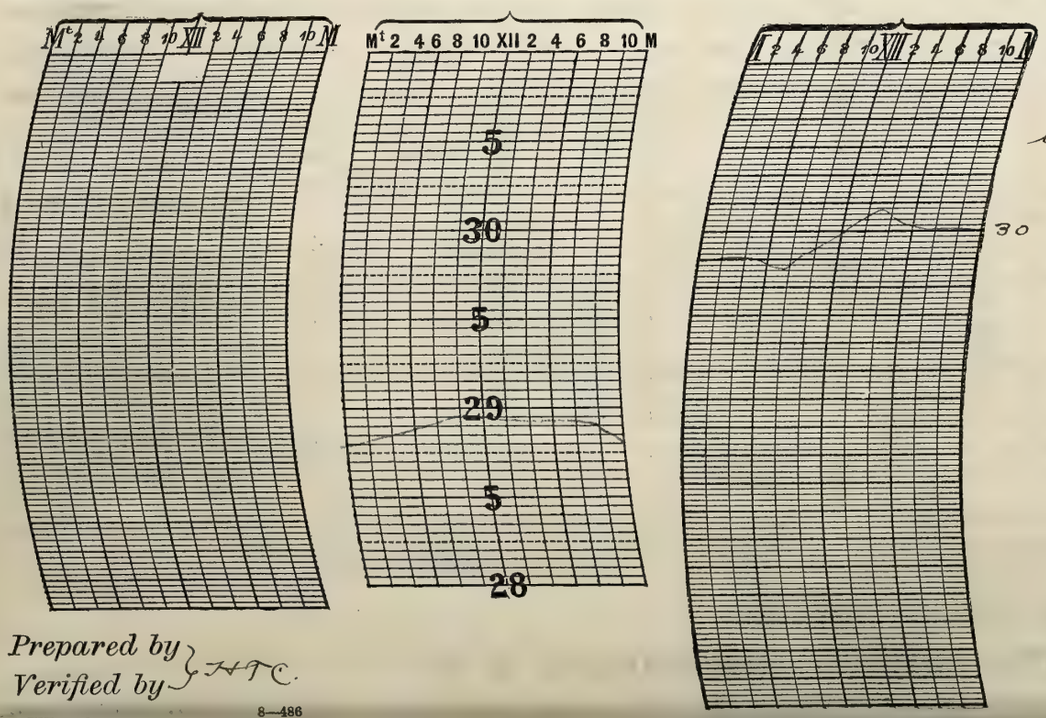
Average hourly velocity, 12.2

Maximum velocity,	Direction,	Time.
23 Ex 24	W	12.18 A.M.

Relative humidity, 76 a. m. 65 p. m.

Reduced barometer, 29.89 a. m. 29.90 p. m.

River gage, 7.00 a.m. 11.6 ft.



NOTES.

Light snow began falling at 7.45 p.m. and it continued during the early night

Prepared by
Verified by } HTC.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 20 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	34	36	35	35	34	34	34	35	36	32	30
State of weather: Nature of precipitation and time of beginning and ending			SE DN				SB 6.45					
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	W	W
Wind movement	8	9	12	14	14	14	13	10	13	13	19	18

Sunrise: Time, 6.35 Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	33	34	34	33	31	31	30	30	30	29	28
State of weather: Nature of precipitation and time of beginning and ending											SE 10.30	
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	20	20	18	16	12	11	12	13	13	12	12	11

Sunset: Time, 4.19 Character, Cloudy

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	36	28	32	

Total depth of snow for 24 hours ending 7 p. m., 1.3 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., .09 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy 10. Moon phase, New Moon

Actual sunshine, hours, 0

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 0

Prevailing direction W

Total movement, 327

Average hourly velocity, 12.6

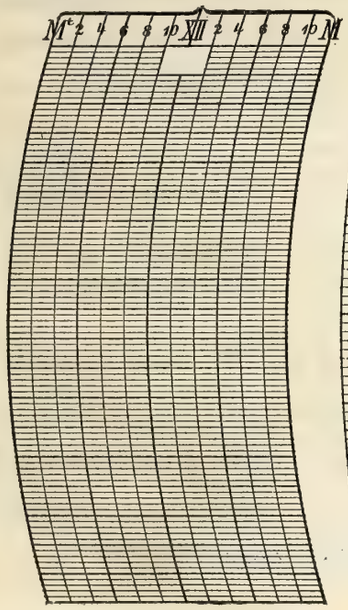
Maximum velocity, 27 Direction, W Time. 10.15 a.m.

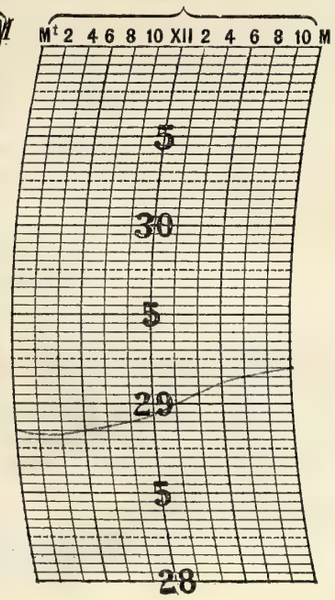
Ex 30

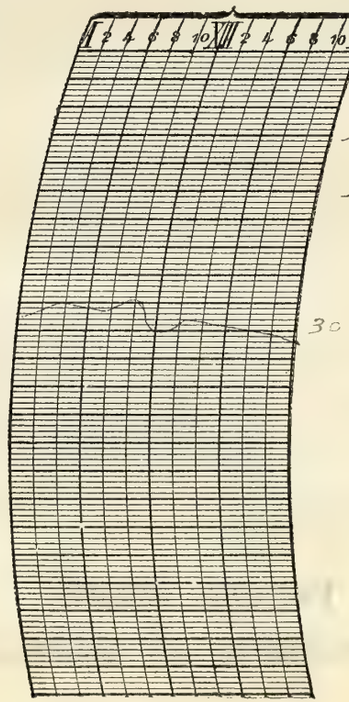
Relative humidity, 88 a. m. 84 p. m.

Reduced barometer, 29.81 a. m. 30.10 p. m.

River gage, 7.00 a.m. 9.8 ft.







NOTES.

Light snow that was moist fell during the day and made the streets and walks slushy and slippery

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 21 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	26	25	25	25	27	27	28	29	30	31
State of weather: Nature of precipitation and time of beginning and ending								SB 7.45			SE 10.30	
Amounts of precipitation												
Cloudiness and other conditions								— Cloudy →				
Sunrise: Time, Character,	6.36 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0.4
Wind direction	W	W	W	W	W	W	SW	SW	W	W	NW	NW
Wind movement	10	9	9	8	6	6	8	6	7	9	8	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	35	36	36	35	34	34	34	33	33	32	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Pt Cloudy											
Sunset: Time, Character,									4.18 Cloudy			
Sunshine (in tenths of hours)	0.4	0.5	1.0	0.1	0							
Wind direction	NW	NW	NW	NW	NW	NW	SW	SW	SW	S	S	SW
Wind movement	9	7	7	6	5	4	4	4	4	4	3	3

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
36	25	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy 8 Moon phase,

Actual sunshine, hours, 2.4

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 25

Prevailing direction, W, NW

Total movement, 155

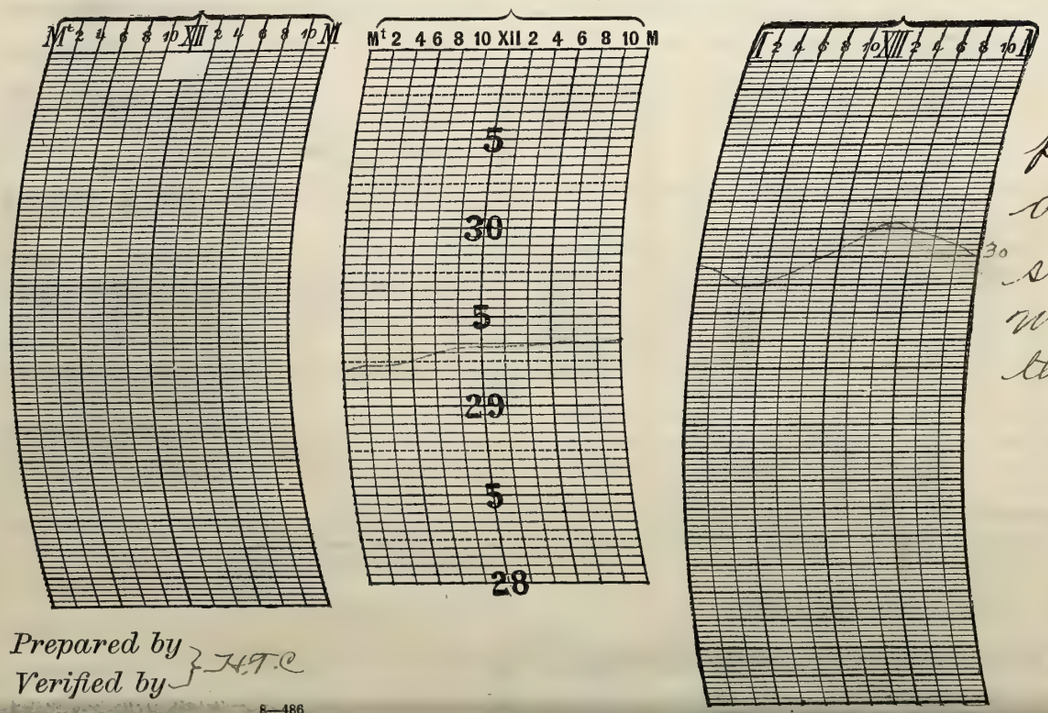
Average hourly velocity, 6.6

Maximum velocity,	Direction,	Time.
11 Ex 11	W	12.15 a.m.

Relative humidity, 84 a. m. 77 p. m.

Reduced barometer, 30.23 a. m. 30.31 p. m.

River gage, 7.00 a.m. 8.7 ft.



NOTES.

The ~~wet~~ moist snow that fell on the previous day and during the night froze during the early morning making the streets and walks icy and slippery in many places, and by night had disappeared from the walks and streets

Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 22 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	28	28	27	27	27	28	28	30	33	35	36	37	39	40	38	37	36	35	35	35	35	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Pt cloudy					Pt cloudy									
Sunshine (in tenths of hours)							0	0	0	0.8	1.0	1.0	1.0	1.0	0.2	0	0							
Wind direction	SW	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	S	SE	SE	SE	SE	SE	SE	S	S	S	S	S
Wind movement	4	2	2	3	5	7	7	8	9	11	16	16	15	13	11	12	11	11	10	11	12	11	11	10
Maximum velocities (exceeding 27 miles)																								

Sunrise: Time, 6.37; Character, Cloudy

Sunset: Time, 4.18; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	27	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy 6 Moon phase,

Actual sunshine, hours, 5.0

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 52

Prevailing direction SE

Total movement, 228

Average hourly velocity, 9.5

Maximum velocity,	Direction,	Time.
19	SE	10.20 a.m.

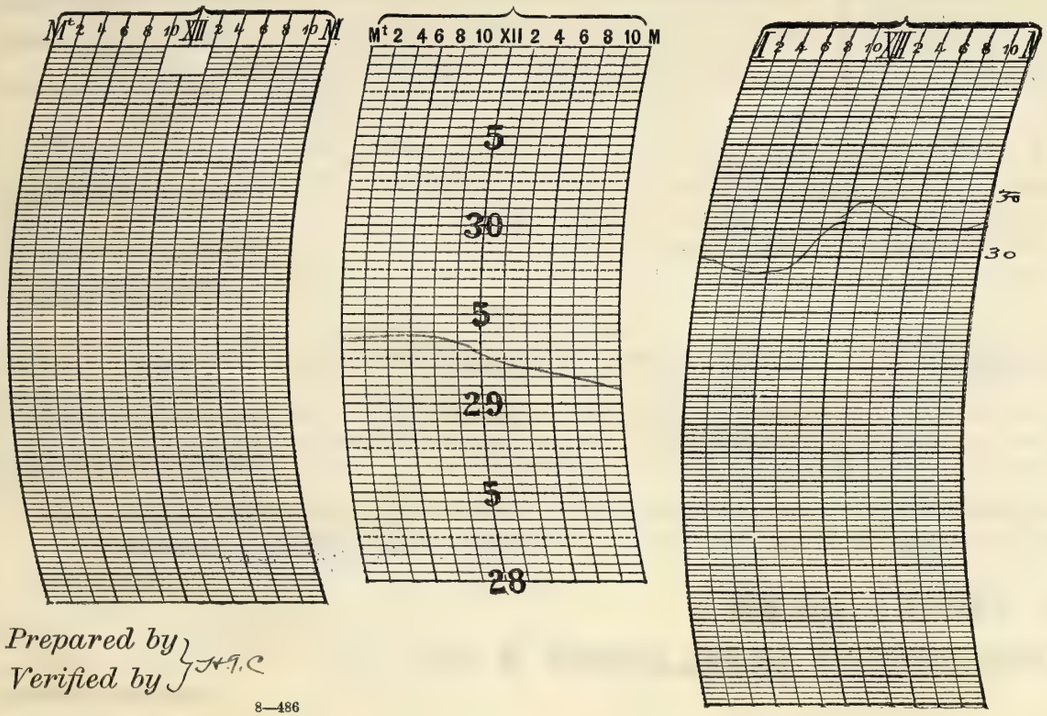
5.20.

Relative humidity, 80 a. m. 73 p. m.

Reduced barometer, 30.33 a. m. 30.10 p. m.

River gage, 7.00 a.m. 7.9 ft.

NOTES.



Prepared by
Verified by J.H.G.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 23 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	37	37	40	39	39	38	37	38	39	40
State of weather: Nature of precipitation and time of beginning and ending							RB 6.30					
Amounts of precipitation							T	T	.01	.01	.04	.04
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 6.38 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	7	8	10	12	13	13	13	12	12	13	11
Maximum velocities (exceeding 27 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	35	34	33	32	32	32	30	30	29	28	27
State of weather: Nature of precipitation and time of beginning and ending		RE 1.45 SB 1.45			SE 4.30							
Amounts of precipitation	04	03	.01	T	T							
Cloudiness and other conditions		Cloudy.										
Sunset: Time, 4.17 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	W	W	W	W	W	W	NW	NW	NW	W	W
Wind movement	13	9	10	14	11	9	11	12	10	12	13	14

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	27	34	

Total depth of snow for 24 hours ending 7 p. m., .01 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, .01 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .18 ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Cloudy 10. Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 269

Average hourly velocity, 11.2

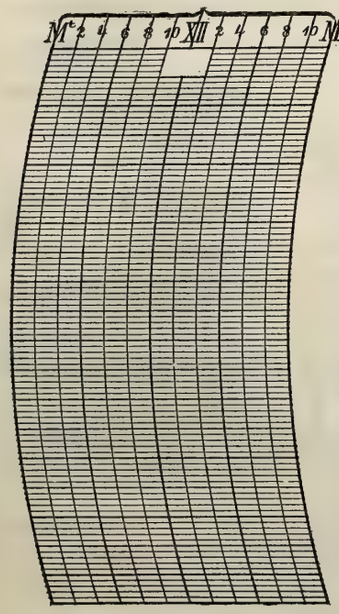
Maximum velocity,	Direction,	Time.
17	SW	12.15 p.

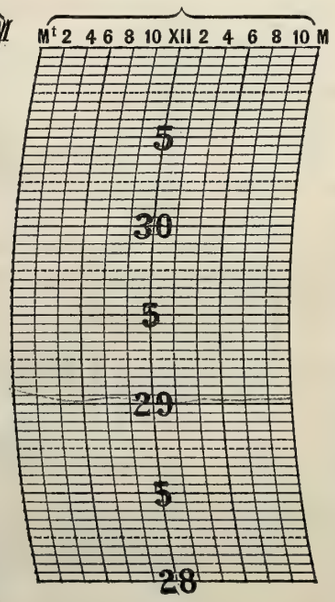
Ex 18

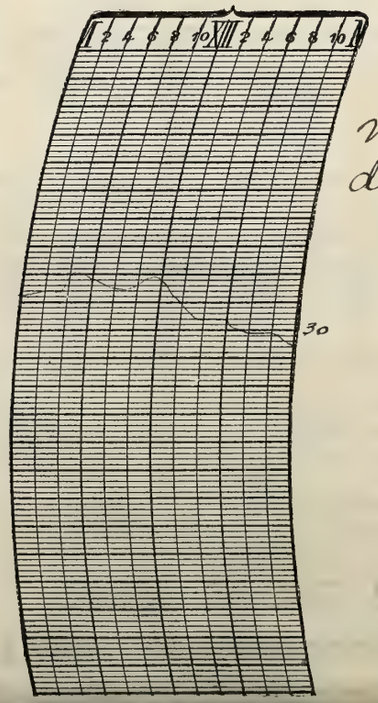
Relative humidity, 76 a. m. 74 p. m.

Reduced barometer, 29.96 a. m. 29.97 p. m.

River gage, 7.00 A.m. 6.9 ft.







NOTES.

The rain and snow which melted as it fell made the streets and walks slushy during the day

Prepared by
Verified by J.H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 24 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	27	27	26	27	28	29	28	28	27	28	29	29	30	30	28	27	26	26	25	26	25	24	23
State of weather: Nature of precipitation and time of beginning and ending					SB DN										SG 2.15									
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy							Pt Cloudy									
Sunshine (in tenths of hours)	Sunrise: Time, 6.39 Character, Cloudy						0	0	0	0	0	0	0	0	0.4	0.5 .05	0 .27				Sunset: Time, 4.16 Character, Clear			
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	SW	SW	SW
Wind movement	12	13	13	16	15	14	11	11	12	12	14	16	18	18	17	16	14	12	11	11	10	9	9	10
Maximum velocities (exceeding 29 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
30	23	27	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy. 8, Moon phase,

Actual sunshine, hours, 1.7

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 18

Prevailing direction W

Total movement, 314

Average hourly velocity, 13.1

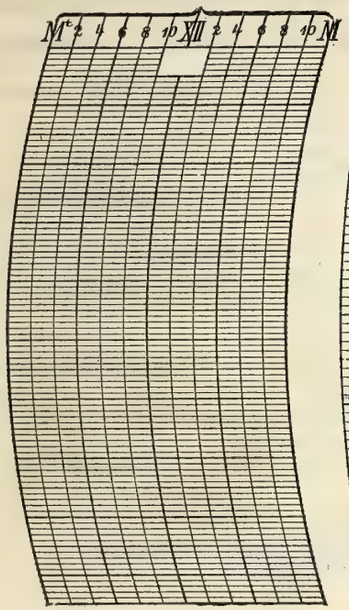
Maximum velocity, 24 Direction, NW Time. 1.40 p.m.

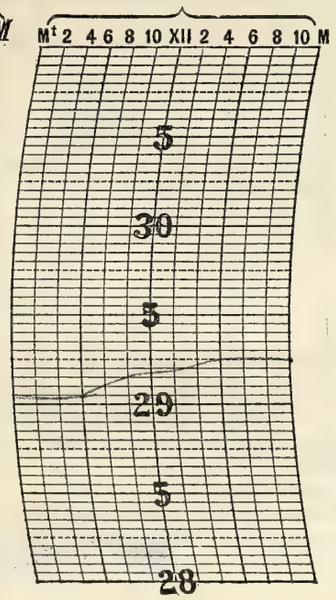
Ex 26

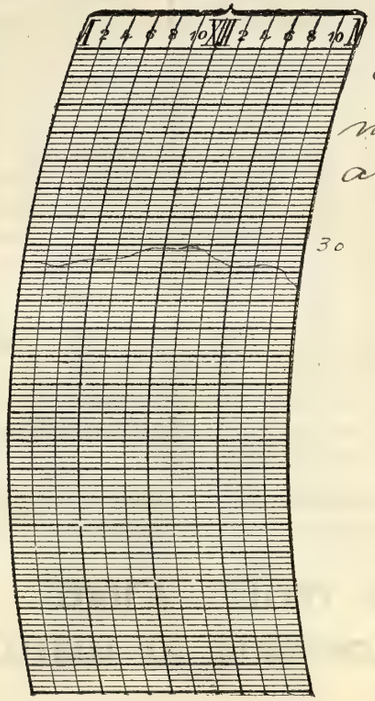
Relative humidity, ~~70~~ 92 a. m. 71 p. m.

Reduced barometer, 30.04 a. m. 30.20 p. m.

River gage, 7.00 a.m. 6.6 ft.







NOTES.

Light snow which began during the early morning continued during the day and ended at 2.15 p.m.

Prepared by
Verified by } J.H.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 25 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	24	24	24	24	24	24	25	28	31	32	34	36	37	36	36	36	36	36	35	35	35	35	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Pt Cloudy.									
Sunrise: Time, 6.41 Character, Clear																					Sunset: Time, 4.16 Character, Cloudy			
Sunshine (in tenths of hours)							32 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	0.2	0	0	x						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	11	12	12	14	13	13	16	18	19	22	21	22	23	18	13	13	16	16	17	20	20	18	17
Maximum velocities (exceeding 27 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
37	23	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 2. Moon phase,

Actual sunshine, hours, 7.5

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 78

Prevailing direction SW

Total movement, 394

Average hourly velocity, 16.4

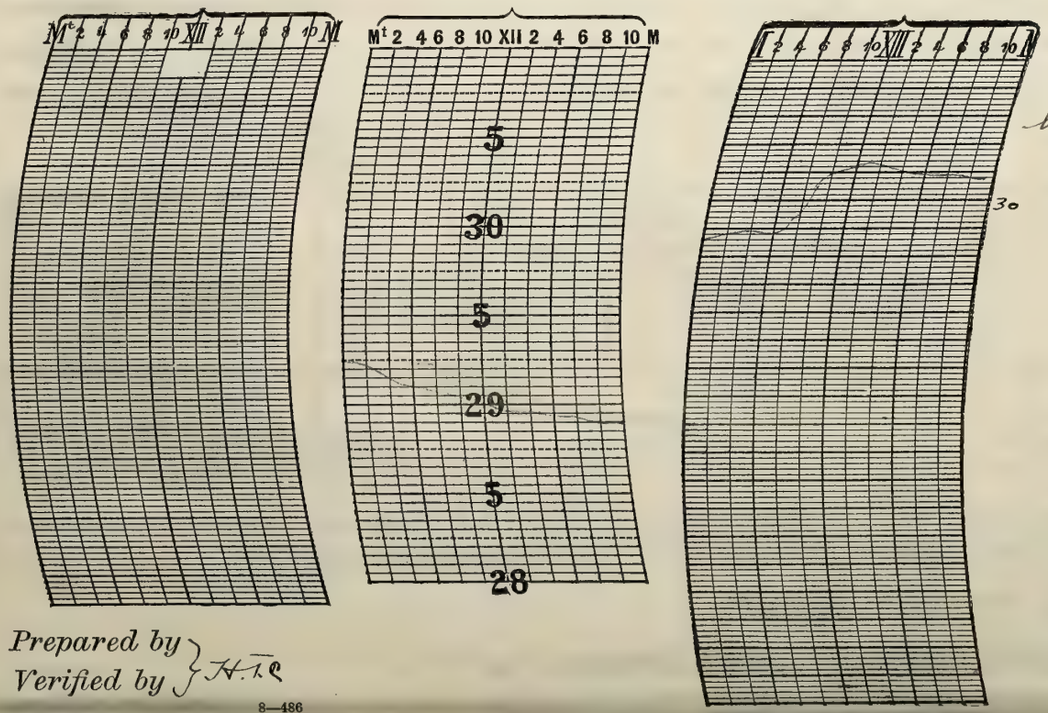
Maximum velocity, 28 Direction, SW Time, 1.45 p.m.

Ex. 30.

Relative humidity, 72 a. m. 78 p. m.

Reduced barometer, 30.03 a. m. 29.92 p. m.

River gage, 7.00 a.m. 6.4 ft.



NOTES.

The snow that fell on the previous day had disappeared by night.

Prepared by
Verified by } H.T.C.

8—486

Form No. 1013—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 26 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	34	34	34	34	33 (32)	34	36	40	42	45
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)							.30 0	1.0 0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	13	14	14	13	13	12	11	12	9	10	10

Sunrise: Time, 6.42 Character, Clear

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	48	48	46	44	43	42	42	42	40	39	38
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunshine (in tenths of hours)	1.0	1.0	0.8	0	0							
Wind direction	SW	SW	SW	S	S	S	S	S	S	S	S	S
Wind movement	11	10	9	9	8	7	7	5	8	10	9	10

Sunset: Time, 4.15 Character, Cloudy

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	48	32	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. 1. Moon phase,

Actual sunshine, hours, 8.1

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 84

Prevailing direction SW

Total movement, 248

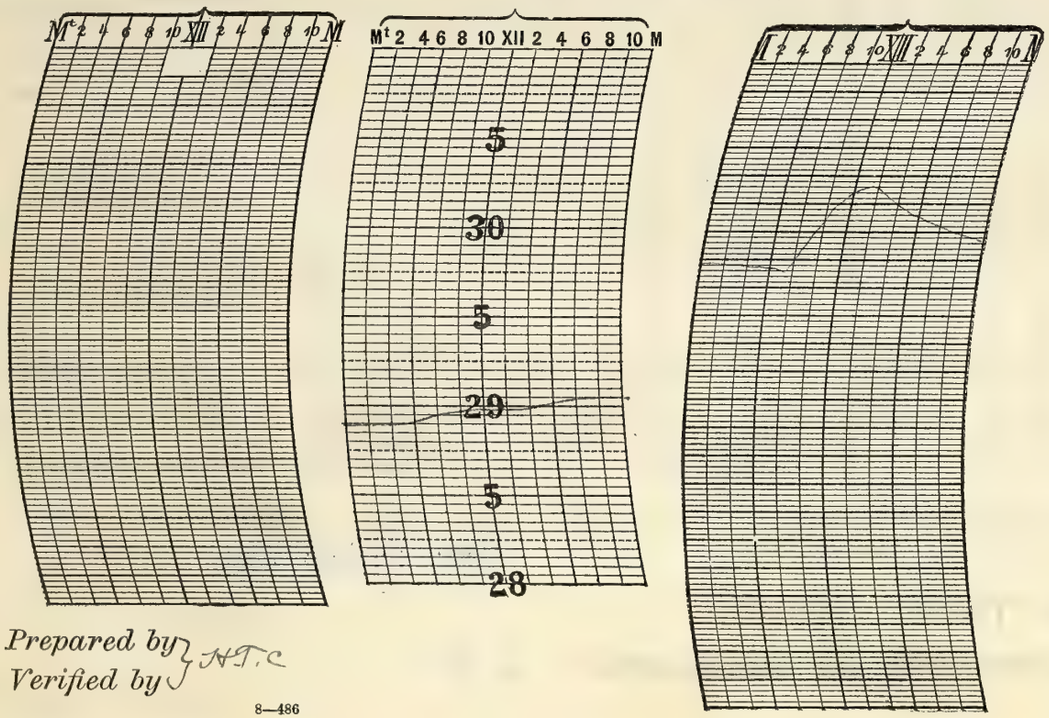
Average hourly velocity, 10.3

Maximum velocity,	Direction,	Time.
16 (Ex 16)	SW	12.30 p.m.

Relative humidity, 83 a. m. 73 p. m.

Reduced barometer, 29.90 a. m. 29.99 p. m.

River gage, 7.00 a.m. 6.2 ft



NOTES.

Prepared by } H.T.C
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 27 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	38	38	38	38	38	37	40	42	44	46	46	47	48	46	45	44	43	43	43	45	45	43	41
State of weather: Nature of precipitation and time of beginning and ending																							RB 10/15	
Amounts of precipitation																							.01	.05
Cloudiness and other conditions							— Cloudy —						— Cloudy —											
Sunrise: Time, 6.43 Character, Clear																					Sunset: Time, 4.15 Character, Cloudy			
Sunshine (in tenths of hours)							.28 0	1.0 0	0.2 0.8	0.4	0.1	0	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	SW	SW	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	E
Wind movement	9	10	9	10	11	9	11	12	14	12	15	12	11	11	10	10	11	10	9	7	8	7	11	7
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
48	37	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Cloudy: 8. Moon phase,

Actual sunshine, hours, 2.8

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 29

Prevailing direction S

Total movement, 246

Average hourly velocity, 10.2

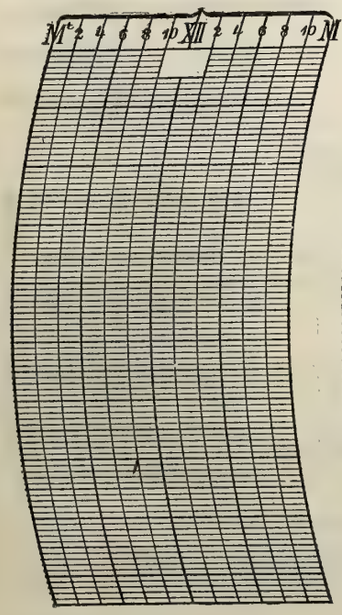
Maximum velocity,	Direction,	Time.
17 Ex. 17	S	10.50 a.m.

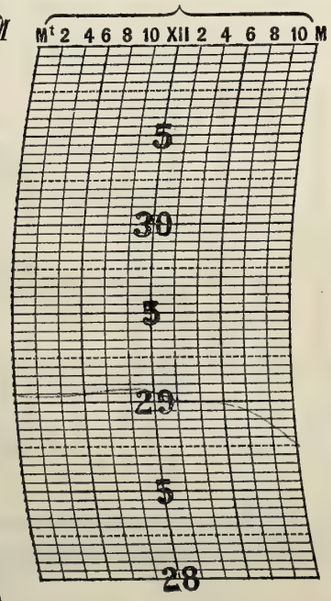
Relative humidity, 68 a. m. 89 p. m.

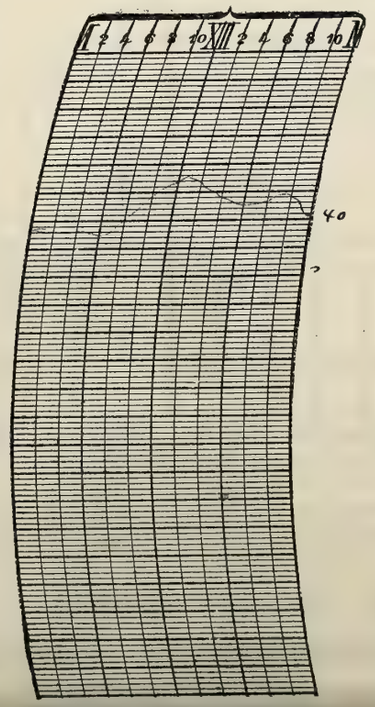
Reduced barometer, 30.03 a. m. 29.93 p. m.

River gage, 7.00 a.m. 5.8 ft.

NOTES.







Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 28 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	44	44	44	45	46	47	43	41	40	38	36
Nature of precipitation and time of beginning and ending							RE 6.35		RB 8.15 RE 8.50			
Amounts of precipitation	12	11	05	04	02	01	T		T			
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	SE	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	8	14	18	17	16	16	18	23	22	22	25	24
Maximum velocities (exceeding 29 miles)								31 SW 7.30				30 W 11.15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	34	33	32	31	31	29	28	27	26	25
Nature of precipitation and time of beginning and ending	RB 12.15				RE 5.00		SB 6.30					
Amounts of precipitation	T	T	T	T	T							
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW
Wind movement	24	22	22	20	19	20	18	19	19	20	20	20
Maximum velocities (exceeding 29 miles)												

Sunrise: Time, 6.44 Character, Cloudy

Sunset: Time, 4.15 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	47	25	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 41 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 36 inches.

Character of day, Cloudy 10 Moon phase, First Quarter

Actual sunshine, hours, 0

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 466

Average hourly velocity, 19.4

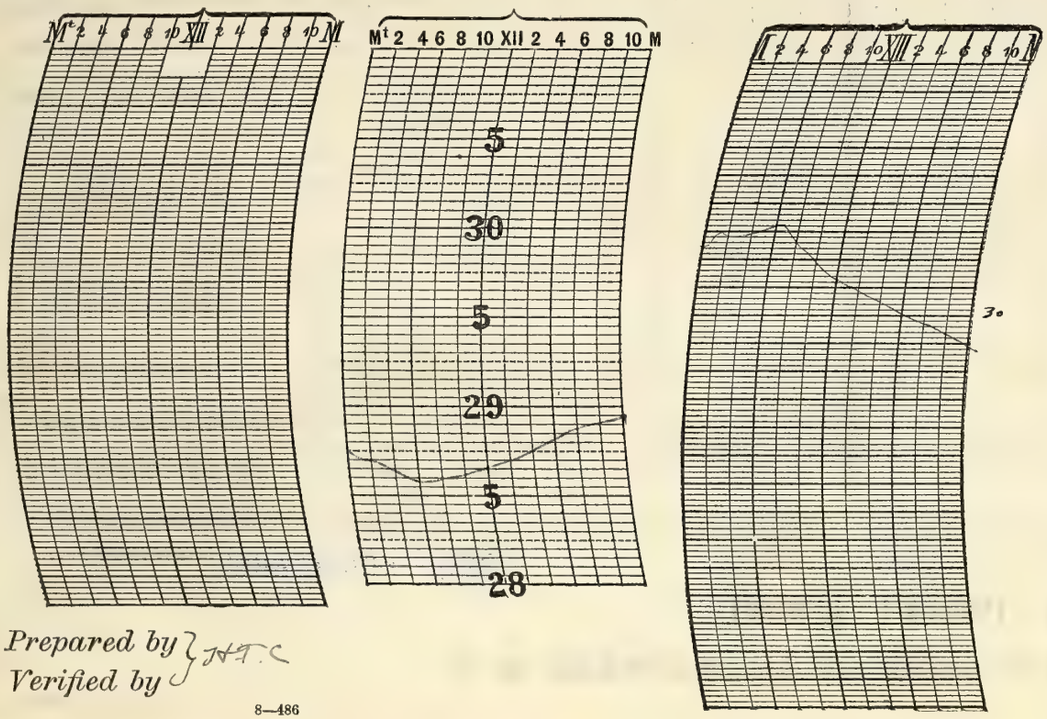
Maximum velocity, 31 Direction, SW Time, 7.30 a.m.

Ex 36

Relative humidity, 87 a. m. 89 p. m.

Reduced barometer, 29.50 a. m. 29.93 p. m.

River gage, 7.00 a.m. 5.8 ft.



NOTES.

Light snow began to fall at 6.30 p.m and continued past midnight

Prepared by } J.H.T.C
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 29 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	25	25	25	26	27	27	27	28	30	29	29	28	27	26	25	24	23	20	19	18	17	17
								SE 8.06																
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt Cloudy →					← Cloudy											
Sunrise: Time, 6.45 Character, Cloudy																					Sunset: Time, 4.14 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.1	1.0	1.0	0.3	0.5	0	0.4	0	0							
Wind direction	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	18	16	14	15	11	9	8	10	11	11	11	15	16	15	13	13	13	15	17	17	17	19	20	18
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
30	17	24	

Total depth of snow for 24 hours ending 7 p. m., Tr. inches.

Snow on ground 7 p. m., 1 inches.

Total snowfall, midnight to midnight, Tr inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy 1 Moon phase,

Actual sunshine, hours, 3.3

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 35

Prevailing direction SW

Total movement, 342

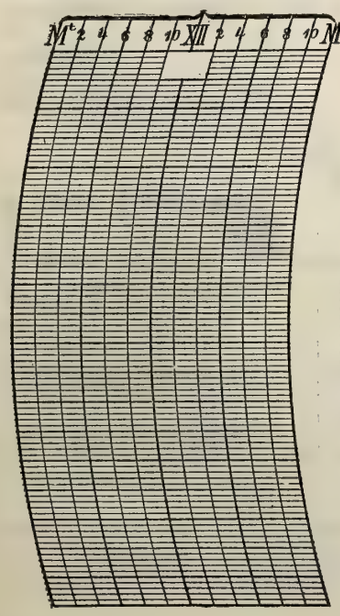
Average hourly velocity, 11.8

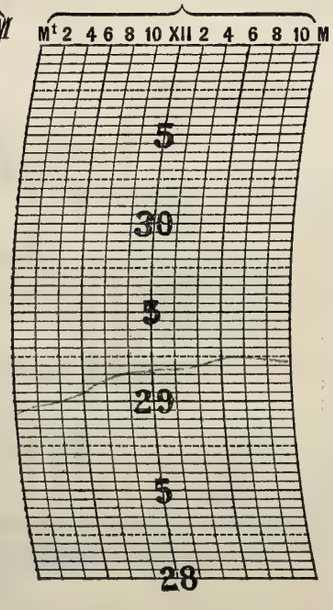
Maximum velocity,	Direction,	Time.
24	SW	10.10 p
Ex 24		

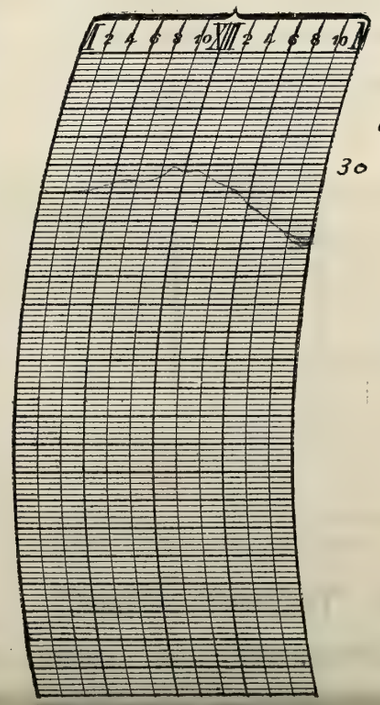
Relative humidity, 87 a. m. 80 p. m.

Reduced barometer, 30.05 a. m. 30.19 p. m.

River gage, 7.00 a.m. 7.4 ft.







NOTES.

The light snow which began falling the evening of the 28th continued till 8.00 a.m.

Prepared by
Verified by } HTR

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 30 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	16	16	16	17	17	17	18	20	23	26	27	28	30	32	32	31	30	29	28	27	26	26	25	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt Cloudy						Pt Cloudy										
Sunrise: Time, 6.46 Character, Cloudy																					Sunset: Time, 4.14 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.5	0.6	0.5	0.6	0.6	1.0	1.0	0.1	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	20	20	20	21	22	20	20	18	22	25	24	24	24	22	23	18	16	13	12	12	15	14	14	14
Maximum velocities (exceeding 2 miles)										30 SW 9.18	30 SW 10.18	30 SW 11.08												

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	32	16	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Actual sunshine, hours, 4.9

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 52

Prevailing direction SW

Total movement, 453

Average hourly velocity, 18.8

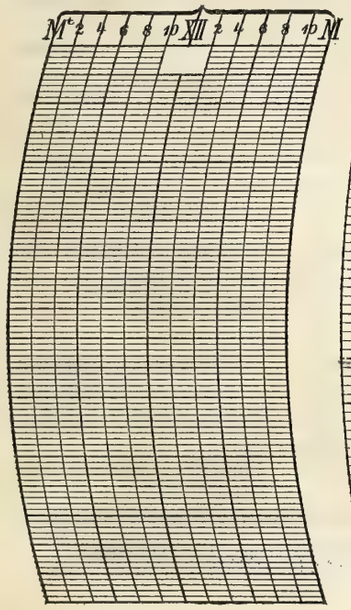
Maximum velocity,	Direction,	Time.
30 Ex 33	SW	9.18 AM

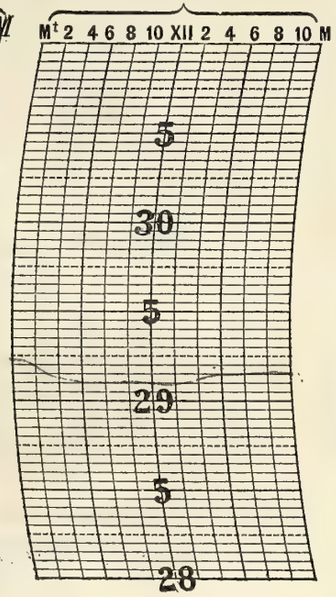
Relative humidity, 61 a. m. 70 p. m.

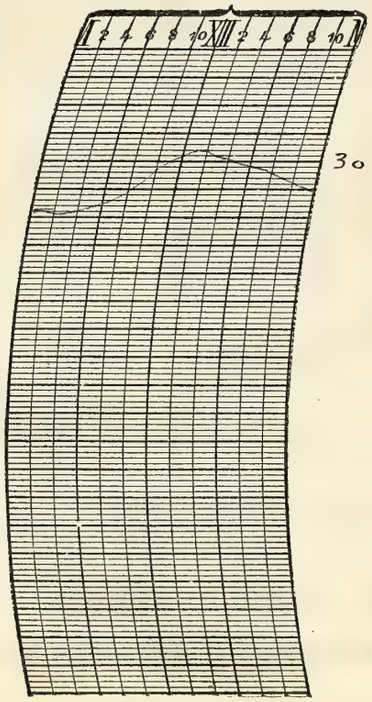
Reduced barometer, 30.07 a. m. 30.11 p. m.

River gage, 7.00 a.m. 7.3 ft.

NOTES.







Prepared by
Verified by } J.H.P.R.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 1 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	24	24	24	24	24	25	27	30	32	33	34	34	33	33	33	33	33	33	33	33	32	32	31
														SB 1.15			SE 4.10							
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							— Cloudy —						— Cloudy —											
	Sunrise: Time, 6.47 Character, Cloudy																				Sunset: Time, 4.14 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW
Wind movement	13	13	13	13	14	12	11	13	14	16	17	16	17	16	13	15	13	12	14	12	11	10	9	9
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	24	29	

Total depth of snow for 24 hours ending 7 p. m. 0.2 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 316

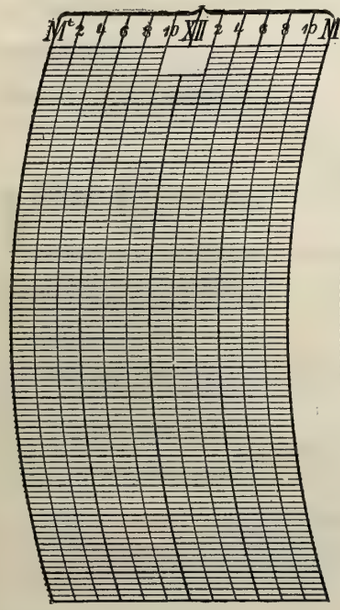
Average hourly velocity, 13.2

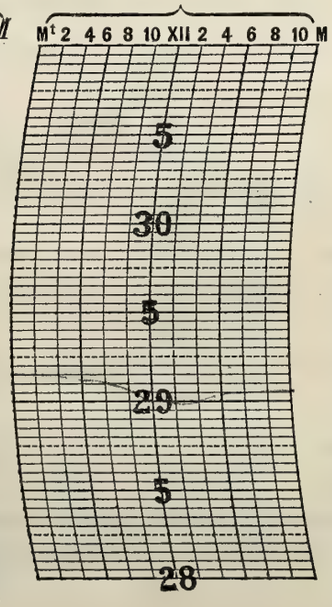
Maximum velocity,	Direction,	Time.
20 Ex 21,	SW	10.10 A.M.

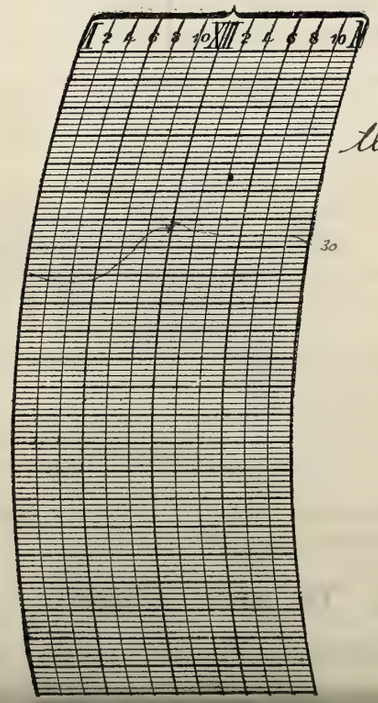
Relative humidity, 85 a. m. 84 p. m.

Reduced barometer, 30.07 a. m. 29.97 p. m.

River gage, 7.00 a.m. 6.7 ft







NOTES.

Light snow fell during the afternoon making the streets and walks slushy

Prepared by
Verified by } J.H.C.

8—486

Form No. 1011—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 2 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	31	32	33	34	33	33	32	32	32	33	34	34	33	33	32	31	31	31	31	30	30	29	28
State of weather: Nature of precipitation and time of beginning and ending					RB ON RE ON																		SB 10.10	
Amounts of precipitation					T																			
Cloudiness and other conditions								Cloudy							Cloudy									
Sunrise: Time, 6.48 Character, Cloudy																					Sunset: Time, 4.13 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	S
Wind movement	9	10	10	11	11	12	11	13	12	13	14	16	15	15	14	14	10	8	6	8	7	10	9	9
Maximum velocities (exceeding 24 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	28	31	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 1.0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 0

Prevailing direction W

Total movement, 267

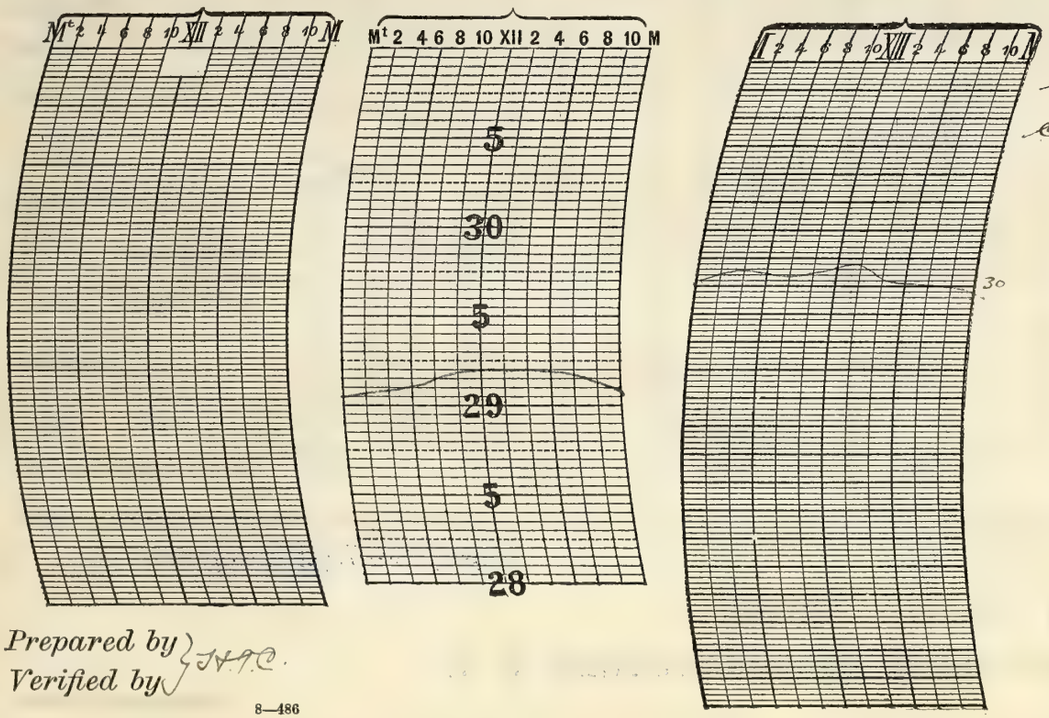
Average hourly velocity, 11.1

Maximum velocity,	Direction,	Time.
18 Ex 19	W	11.42 AM

Relative humidity, 82 a. m. 84 p. m.

Reduced barometer, 30.08 a. m. 30.12 p. m.

River gage, 7.009 m. 5.9 ft.



NOTES.

Snow began falling at 10.10 p.m. and continued past midnight.

Prepared by } J.H.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 3 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	29	29	30	29	29	29	29	29	29	29	30	28	27	26	25	24	22	21	18	16	14	13	12
State of weather: Nature of precipitation and time of beginning and ending								SE 8.00																
Amounts of precipitation																								
Cloudiness and other conditions							—		Cloudy				—		Cloudy									
Sunrise: Time, 6.49 Character, Cloudy																					Sunset: Time, 4.13 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.1	0	0	0							
Wind direction	S	S	S	S	NE	E	NE	N	N	N	N	N	N	N	N	N	N	N	N	NW	NW	N	N	N
Wind movement	7	7	6	4	5	5	6	7	12	15	14	17	17	14	14	13	12	9	~~8~~ 9	8	7	6	4	5
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

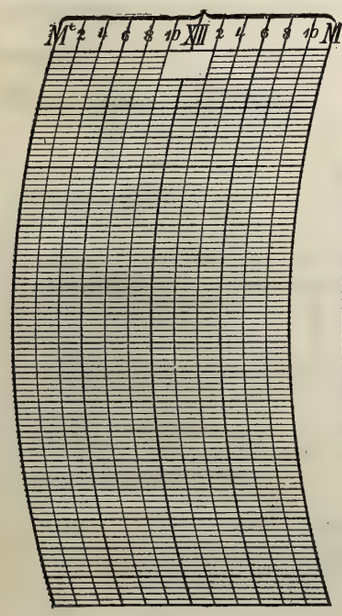
1 hours slower than 75th meridian time.

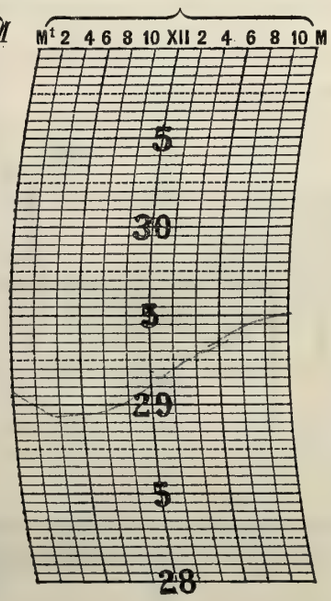
Maximum.	Minimum.	Mean.	Normal.
30	12	21	

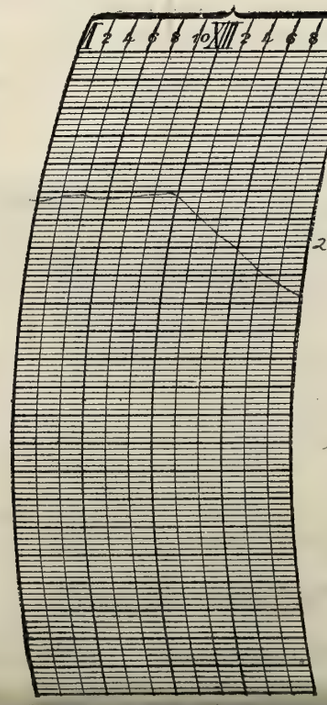
Total depth of snow for 24 hours ending 7 p. m., 5.6 inches.
Snow on ground 7 p. m., 5.6 inches.
Total snowfall, midnight to midnight, 4.6 inches.
Precipitation to 7 a. m., .45 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .37 inches.
Character of day, Cloudy 9 Moon phase,
Actual sunshine, hours, 0.1
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 1
Prevailing direction N
Total movement, 223
Average hourly velocity, 9.3

Maximum velocity,	Direction,	Time.
20 Ex 20	N	12.18 pm

Relative humidity, 100 a. m. 68 p. m.
Reduced barometer, 29.84 a. m. 30.35 p. m.
River gage, 7.00 a.m 5.2 ft







NOTES.

The snow which began falling late on the previous night continued during the early morning and ended at 8.00 a.m.
The depth of snow on the ground was 5.6 inches making street traffic and walking difficult. The snow was dry and of light density and with the aid of snow sweepers the streetcars had but little difficulty in operation.
The evening was remarkably bright with the full Moon shining brightly.

Prepared by } H.P.C.
Verified by }

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 4 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	11	10	10	8	10	8	7	8	11	18	20	25	28	29	30	29	28	27	25	23	22	22	21	21
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt Cloudy → Clear						Clear											
Sunshine (in tenths of hours)	Sunrise: Time, 6.50 Character, Cloudy						0	0	0	0.4	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.2 0				Sunset: Time, 4.13 Character, Clear			
Wind direction	N	Na	NW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	3	3	2	3	4	5	5	5	9	9	10	10	10	9	8	9	9	11	9	8	10	9
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
30	6	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 5.2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 2 Moon phase,

Actual sunshine, hours, 6.6

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 70

Prevailing direction SW

Total movement, 170

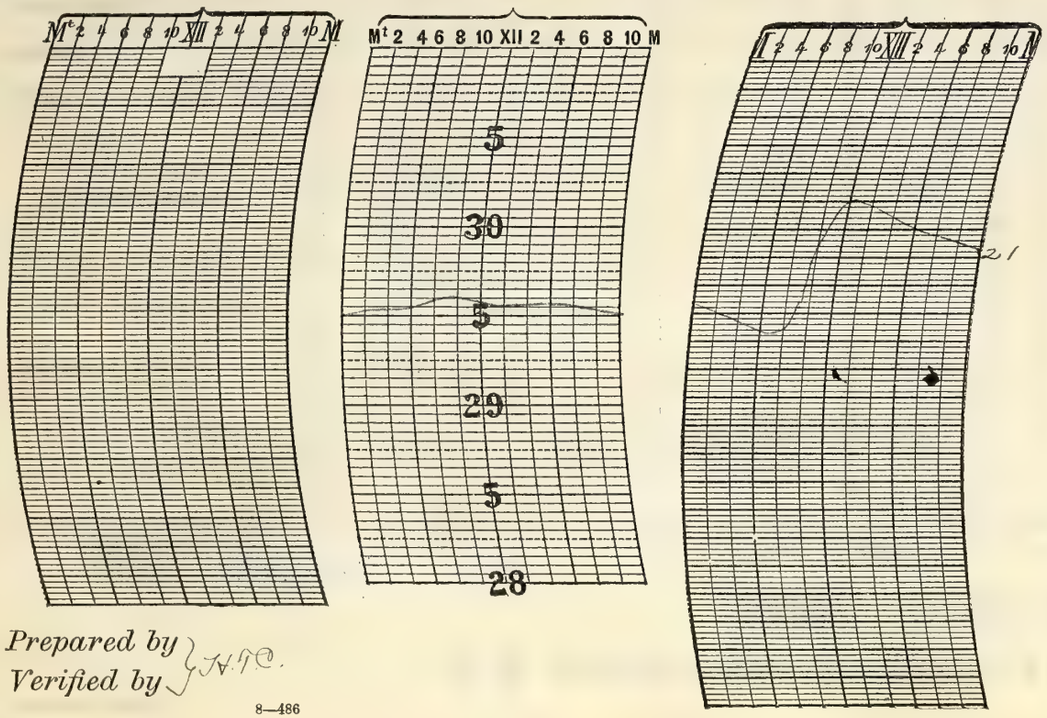
Average hourly velocity, 7.1

Maximum velocity,	Direction,	Time.
12 Ex 13	SW	7.22 P.M.

Relative humidity, 71 a. m. 81 p. m.

Reduced barometer, 30.50 a. m. 30.50 p. m.

River gage, 7.00 a.m. 4.1 ft



NOTES.

The evening was remarkably bright

Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 5 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	20	19	19	20	20	20	21	25	30	33	36	37	38	39	38	35	34	33	32	31	30	29	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Pt Cloudy		×	Clear						Clear									
Sunrise: Time, 6.51 Character, Cloudy																					Sunset: Time, 4.13 Character, Clear			
Sunshine (in tenths of hours)							0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	2.2 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	8	9	8	11	11	9	8	10	12	13	13	14	12	12	12	11	9	9	8	7	9	8	9	9
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
39	19		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 3.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 1 Moon phase, Full Moon

Actual sunshine, hours, 7.9

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 84

Prevailing direction, SW

Total movement, 241

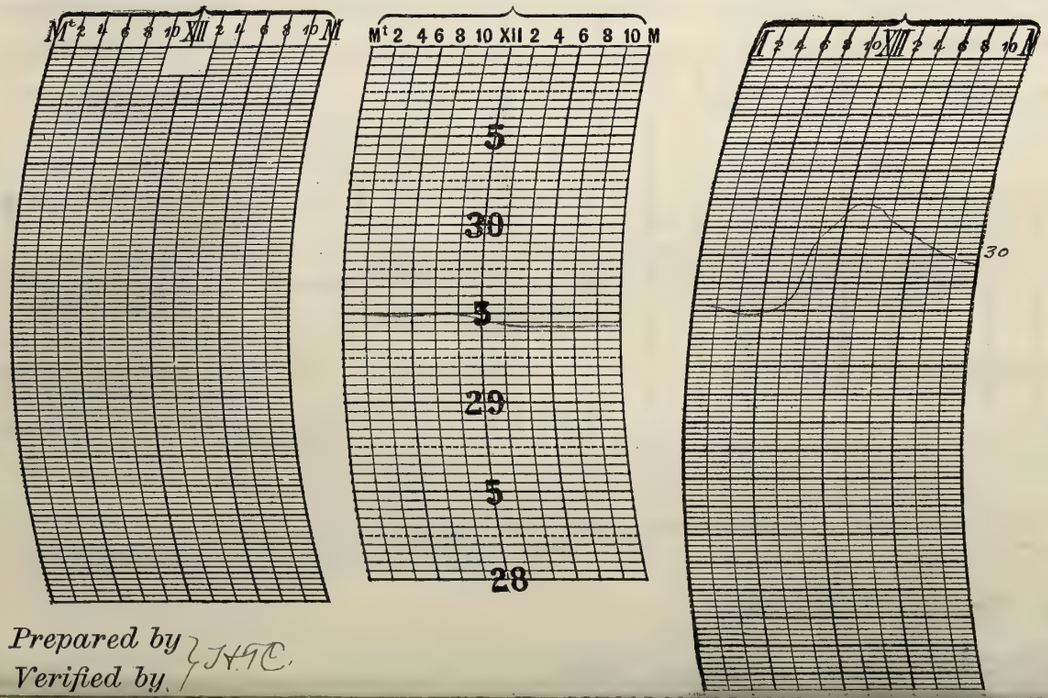
Average hourly velocity, 10.0

Maximum velocity,	Direction,	Time.
17 Ex 17	SW	10.48 A.M.

Relative humidity, 74 a. m. 61 p. m.

Reduced barometer, 30.44 a. m. 30.39 p. m.

River gage, 700 aus. 3.7 ft.



NOTES.

The evening was remarkably bright

Prepared by
Verified by } J.H.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 13 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	28	28	27	27	26	27	30	34	39	42	45
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunrise: Time, 6.52 Character, Clear												
Sunshine (in tenths of hours)							1.3 / 0	1.0 / 0	0.1 / 0.9	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	9	7	7	9	9	11	11	11	11	13
Maximum velocities (exceeding 27 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	48	48	46	44	42	41	39	37	36	35	34
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunset: Time, 4.13 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 / 0.6	2.2 / 0							
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SW
Wind movement	12	10	10	10	8	6	9	9	10	8	8	9
Maximum velocities (exceeding 27 miles)												

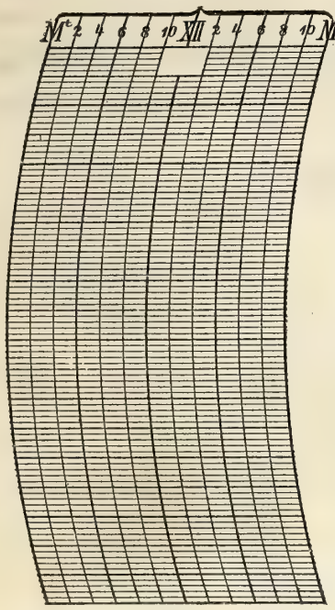
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

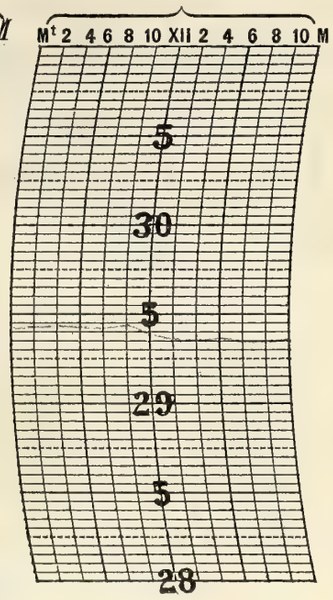
	Maximum.	Minimum.	Mean.	Normal.
	48	26	37	

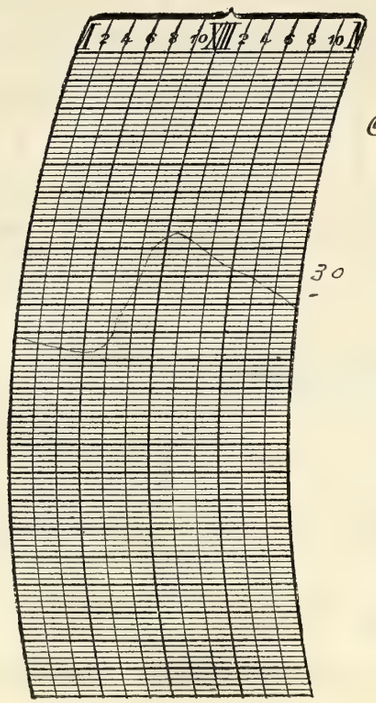
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Actual sunshine, hours, 9.4
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 223
Average hourly velocity, 9.4

Maximum velocity,	Direction,	Time.
15	SW	11.22 Am.
Ex. 15		

Relative humidity, 70 a. m. 62 p. m.
Reduced barometer, 30.36 a. m. 30.29 p. m.
River gage, 7.00 am 3.5 ft







NOTES.

Tipping bucket raingage removed because of cold weather.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 7 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	33	34	34	34	34	34	37	39	42	43	43	44	45	46	45	45	44	44	43	42	41	40	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							— Cloudy —						— Cloudy —											
Sunrise: Time, 6.53 Character, Cloudy																					Sunset: Time, 4.13 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	6.2	0.6	0.8	0.9	0.7	0	0	0	0							
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	9	10	11	11	11	9	8	10	11	11	12	10	7	9	6	8	8	7	8	8	7	9	9
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	33	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 8 Moon phase,

Actual sunshine, hours, 3.2

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 34

Prevailing direction SW

Total movement, 220

Average hourly velocity, 9.2

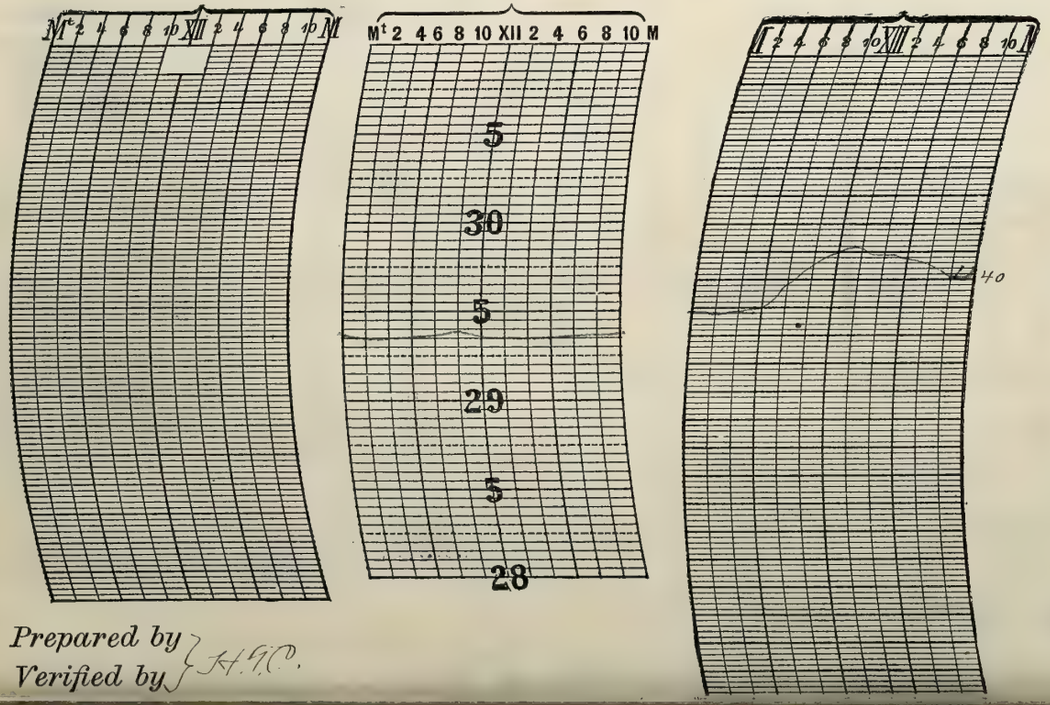
Maximum velocity,	Direction,	Time.
14 Ex 14	SW	10.00 a.m.

Relative humidity, 68 a. m. 76 p. m.

Reduced barometer, 30.28 a. m. 30.31 p. m.

River gage, 7.00 a.m. 36 ft.

NOTES.



Prepared by
Verified by } H.P.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 8 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	42	42	43	43	43	44	46	48	51	52
State of weather: Nature of precipitation and time of beginning and ending				RB DN			RE 6.30	RB 7.05		RE 9.30		
Amounts of precipitation												
Cloudiness and other conditions						—		Cloudy		—		
Sunrise: Time, Character	Time 6.54		Character Cloudy									
Sunshine (in tenths of hours)				0			0	0	0	0.5	0.3	0
Wind direction	SW	SW	SW	SW	S	S	S	S	S	S	S	SW
Wind movement	9	9	8	6	7	7	8	9	8	9	11	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	54	54	52	51	50	49	48	47	49	50	50
State of weather: Nature of precipitation and time of beginning and ending				RB 3.50							RE 10.30	
Amounts of precipitation							+	+				
Cloudiness and other conditions	—	Cloudy			—							
Sunset: Time, Character									Time 4.13		Character Cloudy	
Sunshine (in tenths of hours)	0.4	0.1	0	0	0							
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	10	8	11	10	10	10	10	10	13	12	11	12

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	42	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .32 inches.

Character of day, Cloudy, 9 Moon phase,

Actual sunshine, hours, 1.3

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 14

Prevailing direction S

Total movement, 326

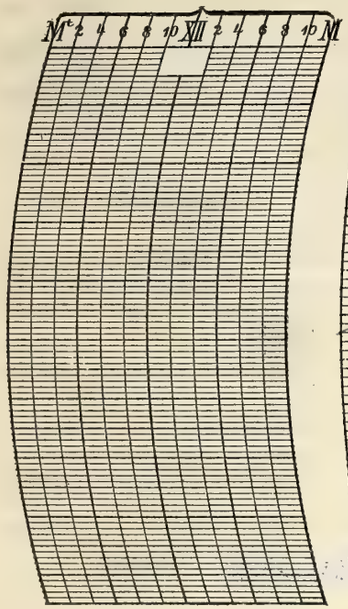
Average hourly velocity, 9.4

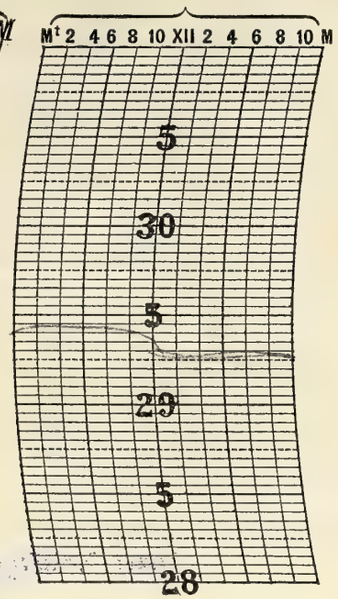
Maximum velocity,	Direction,	Time.
16 Ex. 17	SW	11.15 p.m.

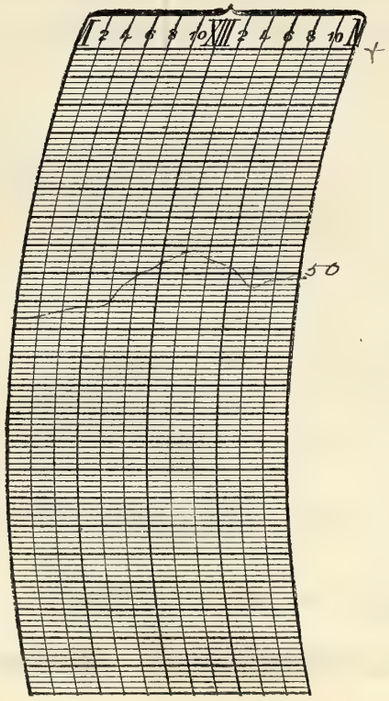
Relative humidity, 76 a. m. 96 p. m.

Reduced barometer, 30.34 a. m. 30.23 p. m.

River gage, 7.00 a.m. 3.9 ft







NOTES.

+ Tipping bucket rainguage replaced on roof at 7.00 p.m.

Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 9 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	50	50	50	50	49	49	49	50	51	52	53
State of weather: Nature of precipitation and time of beginning and ending								RB 7.06 RE 8.00				
Amounts of precipitation								T				
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 6.55 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	S
Wind movement	11	10	9	9	7	6	5	5	6	7	9	10

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	55	55	54	53	52	51	51	52	52	52	52
State of weather: Nature of precipitation and time of beginning and ending						RB 5.35				RE 10.00		
Amounts of precipitation						01	08	05	T	01		
Cloudiness and other conditions		Cloudy										
Sunset: Time, 4.13 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	SW	S	S	SE	S	S	S	S	S	S
Wind movement	11	9	11	8	6	6	9	7	7	8	8	7

Maximum velocities (exceeding 29 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	55	49	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .30 ins.; to 7 p. m., .09 ins.

Total precipitation, midnight to midnight, .15 inches.

Character of day, Cloudy 10. Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction S

Total movement, 191

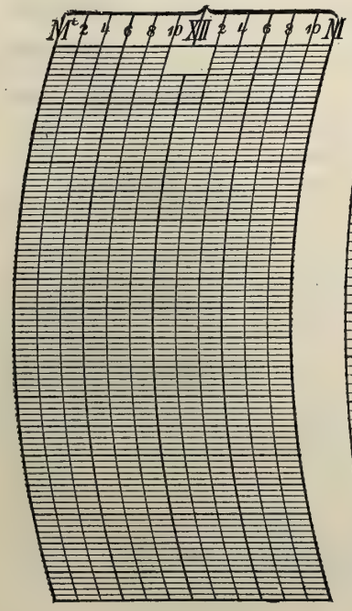
Average hourly velocity, 8.0

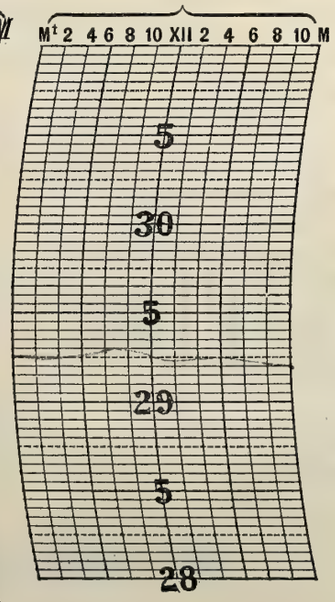
Maximum velocity,	Direction,	Time.
12. Ex 12.	SW	11.00 a.m.

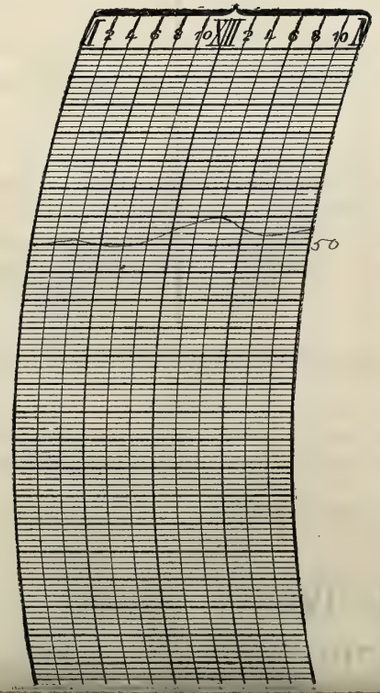
Relative humidity, 100 a. m. 48 p. m.

Reduced barometer, 30.22 a. m. 30.17 p. m.

River gage, 7.00 am. 6.5 ft.







NOTES.

D. Fog began D.N.A., Ended 10 a.m.

Prepared by
Verified by } H.F.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 10 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	53	53	54	53	51	53	54	57	56	55	56
Nature of precipitation and time of beginning and ending						RB 2N	RE 6.10	RB 7.05				
Amounts of precipitation						.02	T	T	T	T	T	.02
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 6.55 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S
Wind movement	10	11	11	12	11	11	12	15	14	20	23	21
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	58	59	60	60	60	59	57	58	59	56	50
Nature of precipitation and time of beginning and ending	RE 12.25							RB 7.20				
Amounts of precipitation	T							.05	.05	T	.01	T
Cloudiness and other conditions		Cloudy										
Sunset: Time, 4.13 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	24	26	25	22	25	26	23	25	21	17	17	12
Maximum velocities (exceeding 29 miles)		30 S 1.00						31 S 7.14				

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	60	50	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .15 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction S

Total movement, 434

Average hourly velocity, 18.1

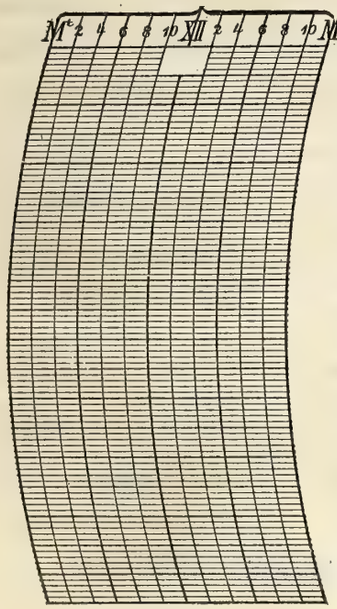
Maximum velocity, 31 Ex 36 Direction, S Time. 7.14 pm

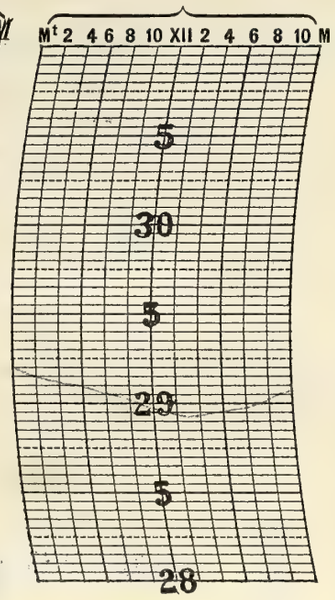
Relative humidity, 72 a. m. 78 p. m.

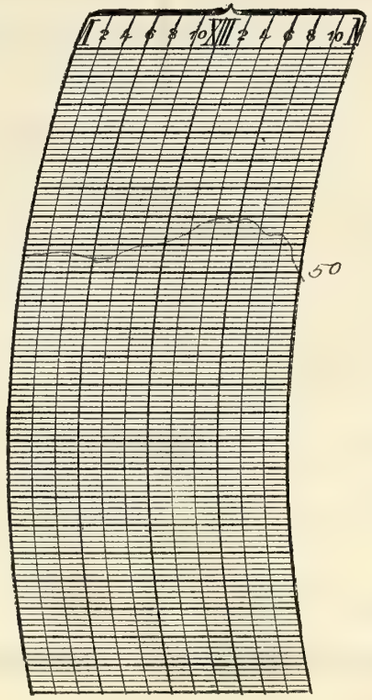
Reduced barometer, 29.99 a. m. 29.86 p. m.

River gage, 7.00 am 8.2 ft

NOTES.







Prepared by
Verified by } H.T.R.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 11 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	46	46	46	46	44	43	44	44	45	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	T	.01	T	.03	.01	.10	.13	.06	T	.03	.04
Cloudiness and other conditions								—	Cloudy	—		
Sunrise: Time, 6.56 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	SW	SW	SW	SW	NE	E	NE	NE	NE	N	NW
Wind movement	12	6	4	2	2	2	3	3	5	5	5	6
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45 RE 1240	46	48	46	45	44	43	42	42	42	41	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T											
Cloudiness and other conditions			Cloudy									
Sunset: Time, 4.13 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	7	8	6	8	7	7	6	5	3	3	3
Maximum velocities (exceeding 25 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	40	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .26 ins.; to 7 p. m., .26 ins.

Total precipitation, midnight to midnight, .41 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction, NW

Total movement, 126

Average hourly velocity, 5.2

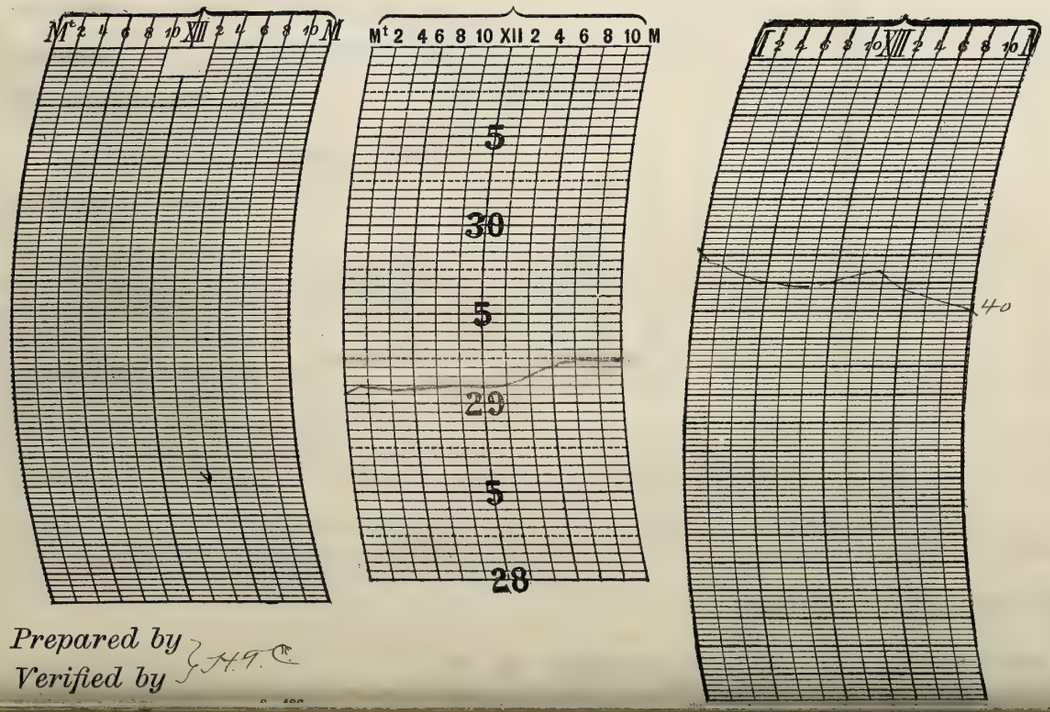
Maximum velocity,	Direction,	Time.
16 Ex. 16	W	12.15 a.m.

Relative humidity, 96 a. m. 83 p. m.

Reduced barometer, 30.02 a. m. 30.14 p. m.

River gage, 7.00 am. 8.6 ft

NOTES.



Prepared by
Verified by J.H.G.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 1 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	39	38	37	37	36	36	36	37	36	37	38	38	38	38	38	38	38	38	38	37	37	36	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy						Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	N	NE	N	N	N	N	N	NE	N	N	NE	NE	NE	NE	NE	N	N	N	N	N	N	NE	NE
Wind movement	4	4	4	2	3	4	2	3	3	4	3	5	3	6	5	7	6	4	5	5	5	6	6	6
Maximum velocities (exceeding 29 miles)																								

Sunrise: Time, 6.57; Character, Cloudy

Sunset: Time, 4.13; Character, Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	34	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 10. Moon phase, Last Quarter.

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction N

Total movement, 107

Average hourly velocity, 4.5

Maximum velocity, 8 Direction, NE Time, 3.25 p.m.

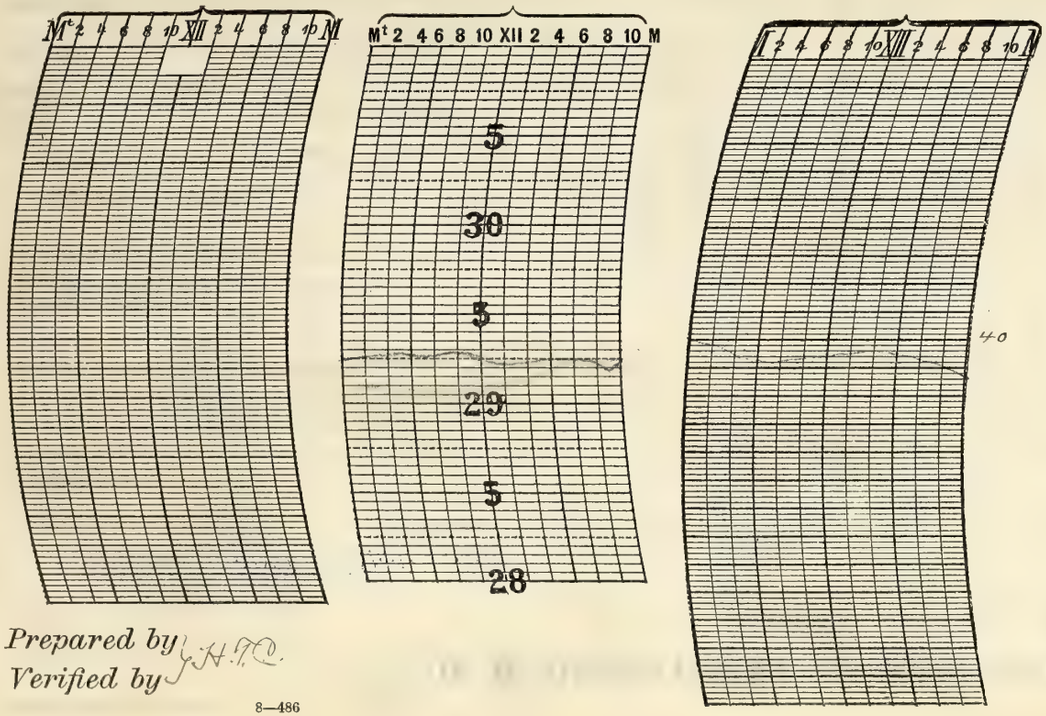
Ex 8

Relative humidity, 84 a. m. 83 p. m.

Reduced barometer, 30.20 a. m. 30.15 p. m.

River gage, 7.00 a.m. 11.7 ft

NOTES.



Prepared by G.H.T.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 13 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	32	33	34	34	34	33	33	33	34	35	37	38	40	42	40	38	36	36	34	34	34	32	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy			→ Clear			Clear										
Sunrise: Time, 6.58 Character, Cloudy																					Sunset: Time, 4.13 Character, Clear			
Sunshine (in tenths of hours)							0	0	0	0	0	0.6	1.0	1.0	1.0	0.6	0							
Wind direction	NW	NW	NW	N	N	NW	N	N	N	NW	N	N	NE	NE	SW	SW	NE	NE	N	E	E	E	E	E
Wind movement	6	6	6	5	5	5	3	5	3	4	3	3	4	2	4	4	3	2	3	4	4	4	4	4
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	31	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, (1) Cloudy 4, Moon phase,

Actual sunshine, hours, 4.8

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 52

Prevailing direction N

Total movement, 96

Average hourly velocity, 4.0

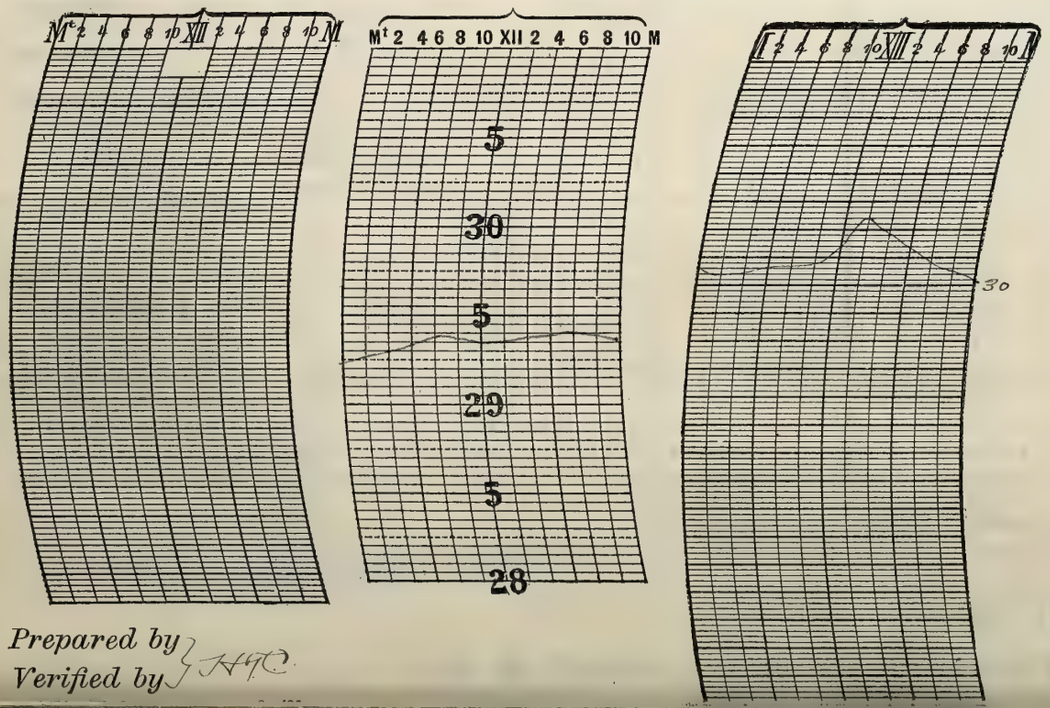
Maximum velocity,	Direction,	Time.
7 Ex 7	NW	12.10 AM.

Relative humidity, 71 a. m. 78 p. m.

Reduced barometer, 30.26 a. m. 30.30 p. m.

River gage, 7.00 am: 11.1 ft.

NOTES.



Prepared by
Verified by HPC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 14 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	29	27	27	27	27	28	29	30	31	31	32	32	32	32	33	33	33	33	33	33	33	33	33
State of weather: Nature of precipitation and time of beginning and ending													SR 12.30						SL 6.30 RB 6.40				RLE DN	
State of weather: Amounts of precipitation																			T	T	T	.01	.01	
State of weather: Cloudiness and other conditions									Cloudy						Cloudy									
Sunrise: Time, 6.58; Character, Cloudy																					Sunset: Time, 4.13; Character,			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	N	NE	E	E	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N
Wind movement	4	4	5	5	6	5	8	6	9	8	10	11	11	8	9	10	10	7	6	4	5	4	4	4
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	27	30	

Total depth of snow for 24 hours ending 7 p. m., T + inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, *T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .12 inches.

Character of day, Cloudy 1.0 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 163

Average hourly velocity, 6.8

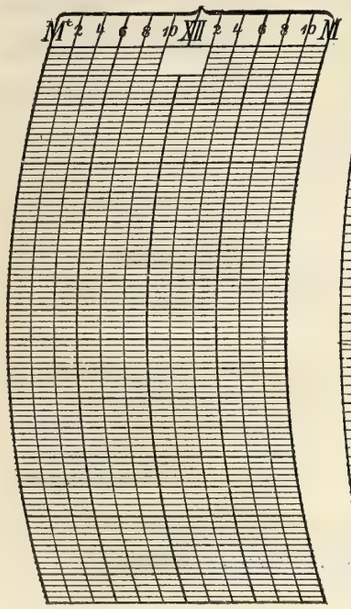
Maximum velocity,	Direction,	Time.
13	NE	11.40 a.m.
Ex 13		

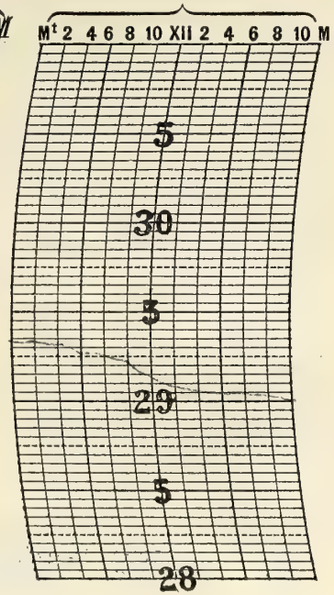
Relative humidity, 92 a. m. 95 p. m.

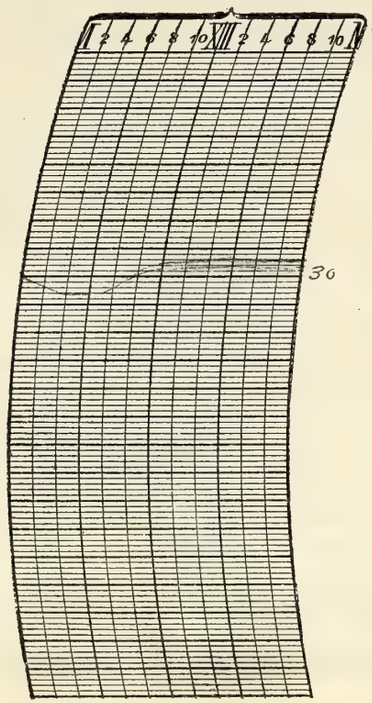
Reduced barometer, 30.22 a. m. 30.00 p. m.

River gage, 7.00 a.m. 9.8 ft

NOTES.







*Melted as it fell

Prepared by
Verified by } HTC.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 15 1911, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	33	32	31	30	32	32	32	33	33	34	34	34	35	34	34	34	34	34	34	34	33	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy						Cloudy									
Sunrise: Time, Character	6.59 Cloudy																				Sunset: Time, Character	4.14 Cloudy		
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	3	3	4	5	8	6	2	4	3	5	5	4	5	4	5	5	6	5	8	10	11	13	15
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	30	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 143

Average hourly velocity, 6.0

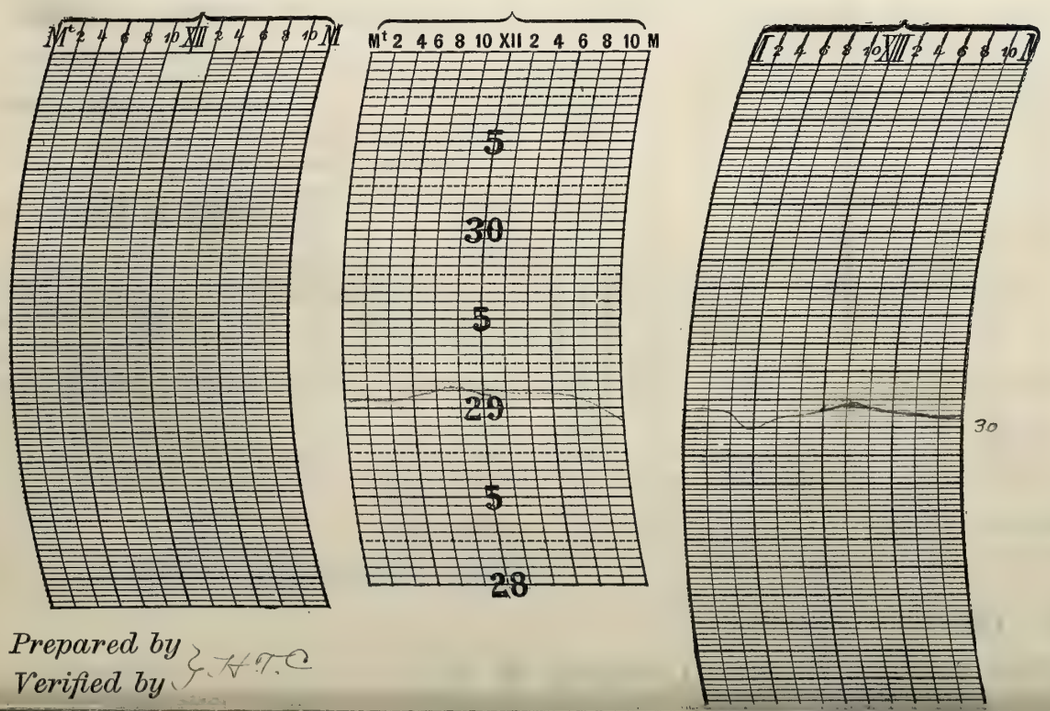
Maximum velocity,	Direction,	Time.
16 Ex 16	NE	11.15 pm.

Relative humidity, 96 a. m. 81 p. m.

Reduced barometer, 30.05 a. m. 30.01 p. m.

River gage, 7.00 am. 8.8 ft

NOTES.



Prepared by
Verified by G.H.T.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 16 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	33	33	34	35	35	36	38	40	40	34
Nature of precipitation and time of beginning and ending		RB DN									RE 1a 40	
Amounts of precipitation		T	02	04	13	07	01	01	01	02	T	
Cloudiness and other conditions						—		Cloudy			—	
Sunrise: Time, 7.00 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	S	SW	W
Wind movement	15	14	17	22	19	16	13	8	5	6	19	14

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	34	35	35	35	35	35	35	35	33	33
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—		Cloudy			—						
Sunset: Time, 4.14 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	W	W	W	SW	SW	SW	SW
Wind movement	16	15	14	12	12	10	6	7	9	10	13	12

Maximum velocities (exceeding 27 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	32	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 27 ins.; to 7 p. m., 04 ins.

Total precipitation, midnight to midnight, .31 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 304

Average hourly velocity, 12.7

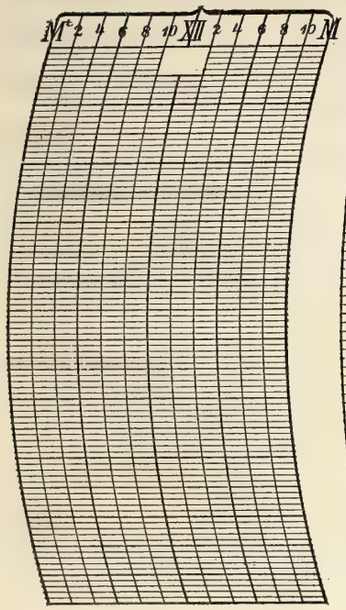
Maximum velocity,	Direction,	Time.
26 Ex 31	NE	4.00 p.m.

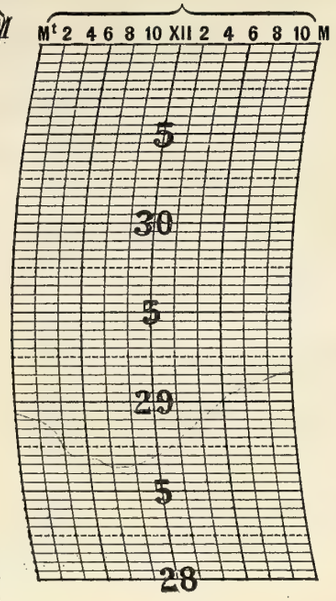
Relative humidity, 100 a. m. 82 p. m.

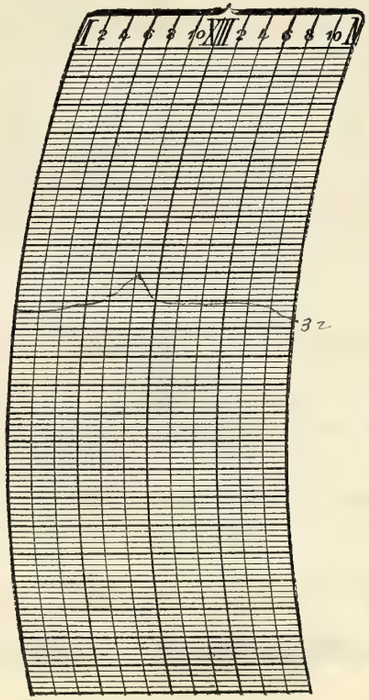
Reduced barometer, 29.53 a. m. 30.00 p. m.

River gage, 7.00 a.m. 8.3 ft

NOTES.







Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 17 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	32	32	32	32	32	31	30	30	30	30	30	30	30	30	30	30	29	30	30	29	28	27	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy							Cloudy										
Sunrise: Time, 7.01 Character, Cloudy																					Sunset: Time, 4.14 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	NW	W	NW	NW	NW	W	W	W	W	W	W	W	W
Wind movement	12	10	11	11	10	10	9	9	9	8	7	5	7	6	5	7	7	6	5	5	5	5	5	4
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

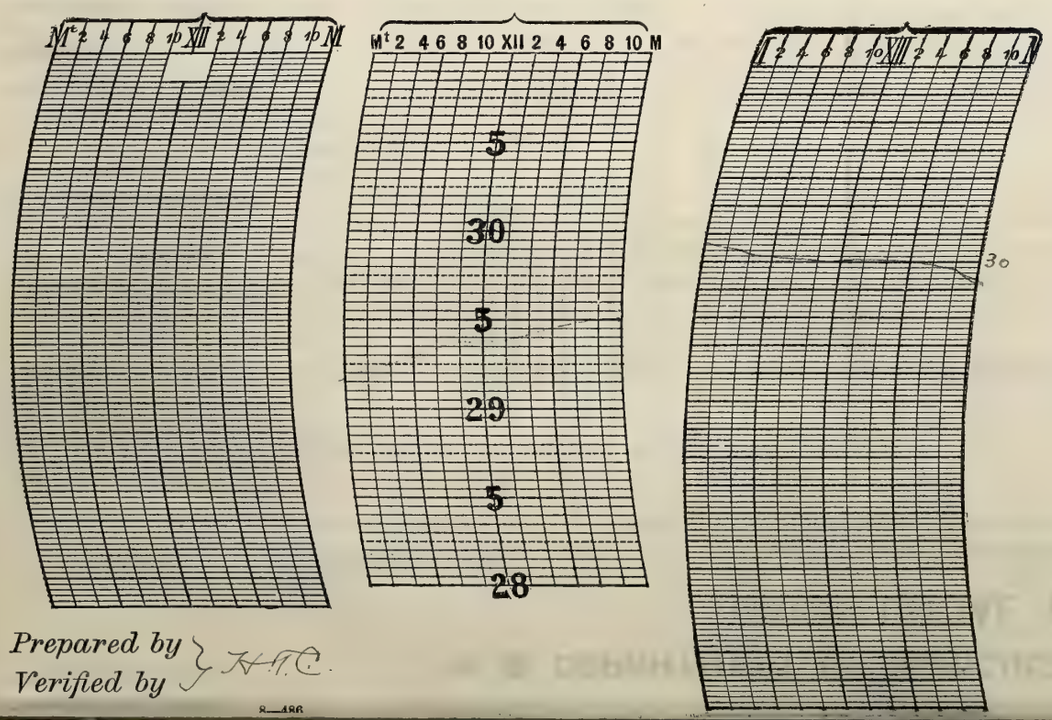
	Maximum.	Minimum.	Mean.	Normal.
	33	27	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Actual sunshine, hours, 0
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 0
Prevailing direction W
Total movement, 178
Average hourly velocity, 7.4

Maximum velocity,	Direction,	Time.
15 Ex 15	SW	1.00 a.m

Relative humidity, 82 a. m. 68 p. m.
Reduced barometer, 30.28 a. m. 30.37 p. m.
River gage, 7.00 am 9.7 ft

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 18 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	26	26	26	26	27	27	28	29	30	31	33	35	35	35	33	32	32	32	32	32	31	31	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy					Pt Cloudy										
Sunrise: Time, 7.01 Character, Cloudy																					Sunset: Time, 4.15 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0.4	0.8	0.7	0.8	0.8	0	0	0							0
Wind direction	W	W	W	W	W	W	SW	SW	SW	W	SW	SW	W	W	W	W	NW	N	N	N	N	N	NE	N
Wind movement	3	4	3	3	3	3	6	6	5	5	7	7	7	7	5	6	5	3	4	3	5	4	4	3
Maximum velocities (exceeding 20 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	26	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 8+ Moon phase,

Actual sunshine, hours, 3.5

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 38

Prevailing direction W

Total movement, 111

Average hourly velocity, 4.6

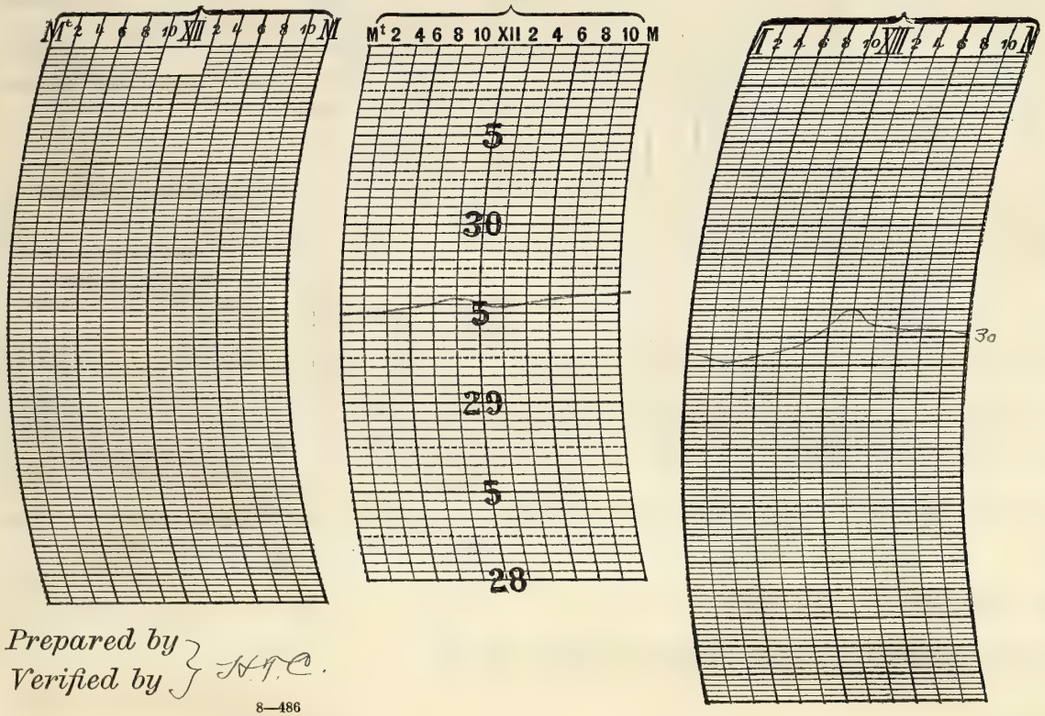
Maximum velocity,	Direction,	Time.
10 Ex. 10	SW	1.16 p.m.

Relative humidity, 78 a. m. 76 p. m.

Reduced barometer, 30.49 a. m. 30.55 p. m.

River gage, 7.00 am: 9.2 ft

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 19 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	28	27	27	27	25	26	29	32	33	34	36	35	35	34	32	31	31	30	29	28	26	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								—	Clear	—				Clear	→	Pt Cldy	—							
Sunshine (in tenths of hours)								0	0.6	1.0	1.0	1.0	1.0	0.9	0.6	0	0							
Wind direction	N	N	N	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	3	3	3	3	3	4	4	5	4	6	4	4	7	8	9	8	6	6	6	7	9	8	9	9

Sunrise: Time, 7.02 Character, Clear

Sunset: Time, 4.15 Character, Cloudy

Maximum velocities (exceeding 29 miles)

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	36	25	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy, 4½ Moon phase,

Actual sunshine, hours, 7.5

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 82

Prevailing direction, E

Total movement, 138

Average hourly velocity, 5.8

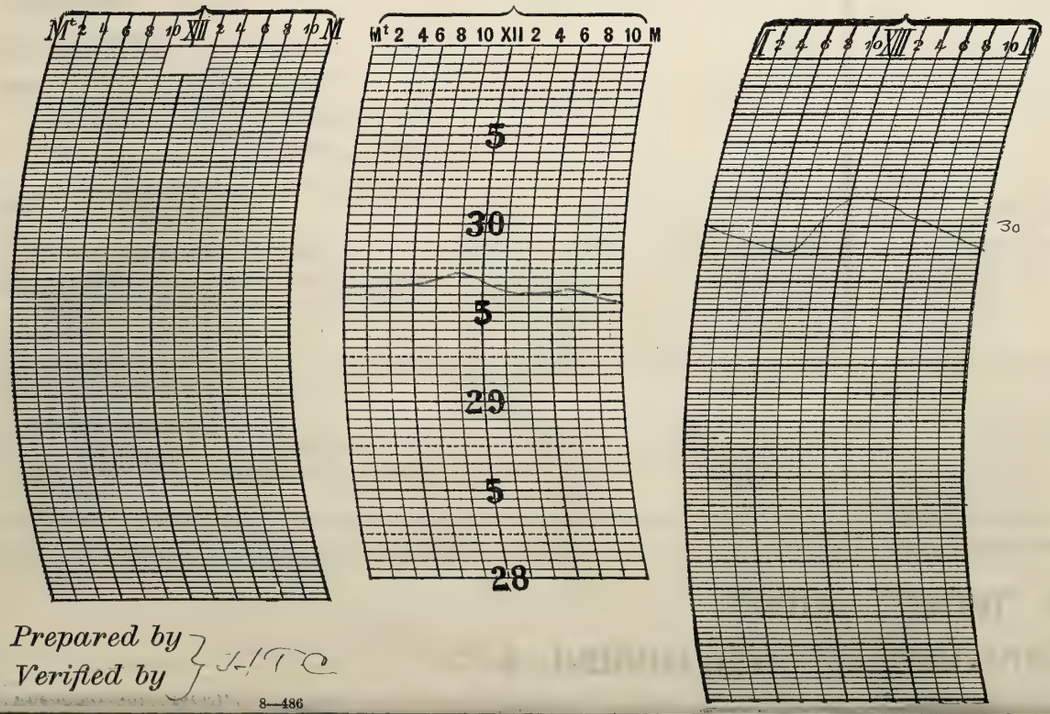
Maximum velocity,	Direction,	Time.
14 Ex 14	E	2.45 p.m.

Relative humidity, 84 a. m. 74 p. m.

Reduced barometer, 30.61 a. m. 30.56 p. m.

River gage, 7.00 am. 8.0 ft

NOTES.



Prepared by
Verified by } HTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 20 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	26	26	25	25	25	24	25	27	30	31	32	34	35	35	35	34	34	34	34	34	33	33	33
State of weather: Nature of precipitation and time of beginning and ending																					RB 8.20			
Amounts of precipitation																					01	04	05	04
Cloudiness and other conditions								Pt Cloudy					Cloudy											
Sunrise: Time, 7.02 Character, Cloudy																					Sunset: Time, 4.15 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0.9	1.0	0.8	0	0	0	0	0							
Wind direction	E	E	E	E	E	NE	E	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	9	11	15	12	11	13	16	15	14	16	16	16	15	16	16	15	17	16	16	14	14	11	12	10
Maximum velocities (exceeding 24 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	24	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, Cloudy 8 Moon phase, New M.

Actual sunshine, hours, 27

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 29

Prevailing direction E

Total movement, 336

Average hourly velocity, 14.0

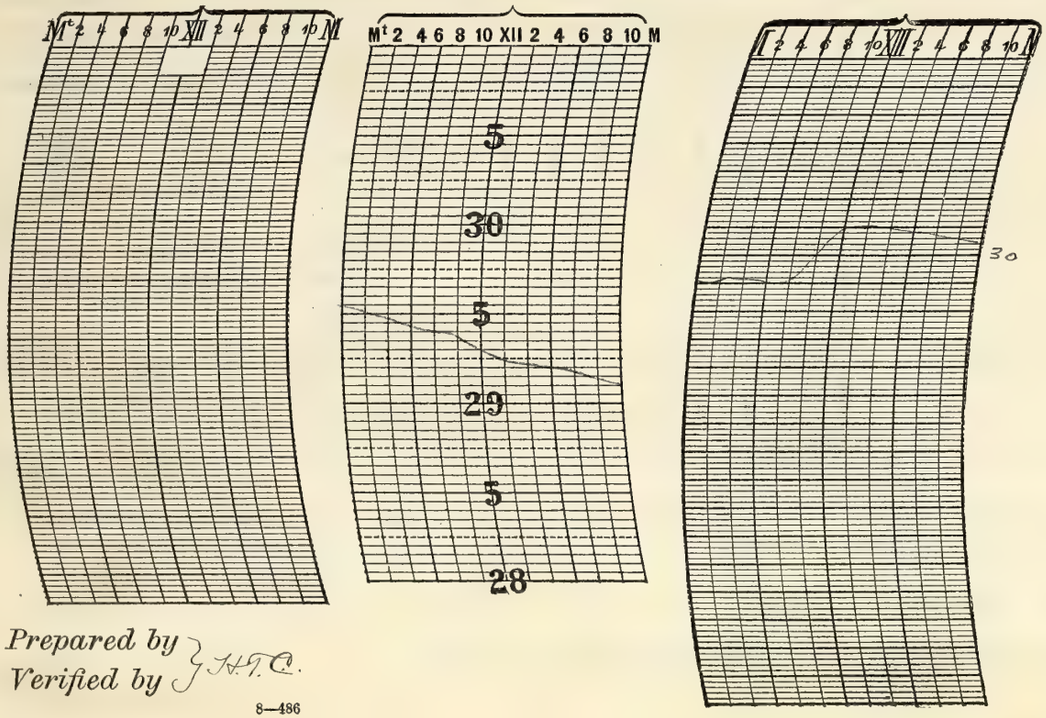
Maximum velocity,	Direction,	Time.
21 Ex 22	E	11.50 a.m.

Relative humidity, 85 a. m. 77 p. m.

Reduced barometer, 30.35 a. m. 30.13 p. m.

River gage, 7.00 a.m. 6.9 ft

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 21 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	34	35	37	38	39	39	40	40	41	42	43	45	46	46	45	45	44	43	43	43	43	42	42
			RE DN						RB 6.26	RB 8.00 4.00 RE 9.16														
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	T	.01	T						X	T														
Cloudiness and other conditions							Cloudy								Cloudy									
Sunrise: Time, 7.03 Character, Cloudy																					Sunset: Time, 4.16 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.1	0	0	0	0							
Wind direction	E	E	E	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	SE	SE	SE	SE	SE	S	S	S	S
Wind movement	10	8	6	4	9	10	9	8	9	9	10	11	10	8	9	7	9	8	9	8	9	9	6	7
Maximum velocities (exceeding 2.7 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	46	33	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .15 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0.1

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 1

Prevailing direction SE

Total movement, 202

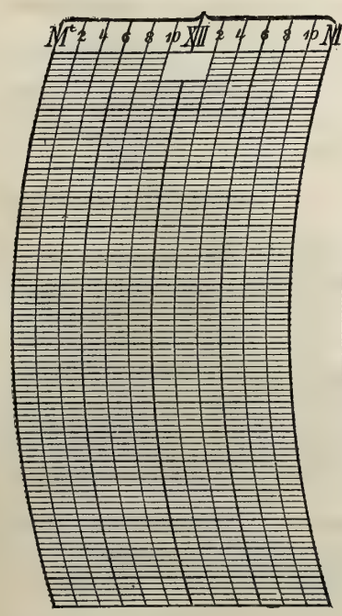
Average hourly velocity, 8.4

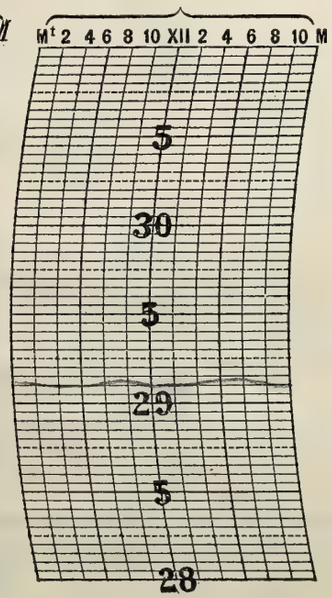
Maximum velocity, 15 / 15 Direction, E Time. 12.28 a.m.

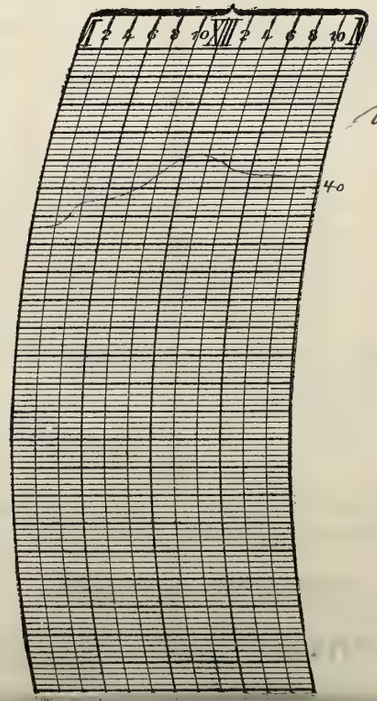
Relative humidity, 93 a. m. 88 p. m.

Reduced barometer, 30.08 a. m. 30.07 p. m.

River gage, 7.00 am 6.1 ft.







NOTES.

Light fog prevailed during the early morning and ended at 8.00 a.m

Prepared by H.T.C.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 22 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	42	41	41	40	39	40	40	41	43	44	46	47	48	46	45	43	42	41	40	39	37	34	33
State of weather: Nature of precipitation and time of beginning and ending									TB 8.20	RB 9.10														
Amounts of precipitation									T	T														
Cloudiness and other conditions																								
Sunrise: Time, 7.03 Character, Cloudy																					Sunset: Time, 4.16 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0.2	0.2	0	0	0							
Wind direction	S	S	S	SE	S	S	S	S	SE	SE	S	S	S	SW	W	SW	SW	SW	SW	W	W	W	W	SW
Wind movement	8	6	6	6	5	5	5	6	3	5	6	6	8	9	8	7	6	9	9	9	9	9	8	10
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
48	33	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy 9. Moon phase,

Actual sunshine, hours, 0.4

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 4

Prevailing direction S

Total movement, 168

Average hourly velocity, 7.0

Maximum velocity, 11 Direction, W Time. 9.12 p.m.

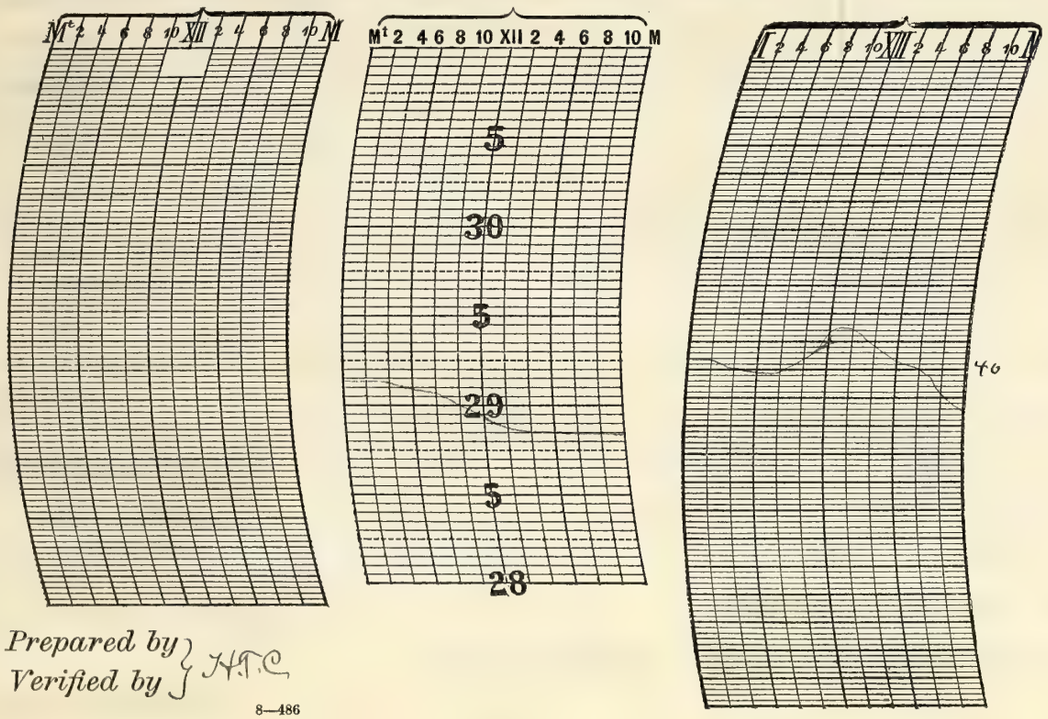
Ex 11

Relative humidity, 94 a. m. 84 p. m.

Reduced barometer, 29.95 a. m. 29.78 p. m.

River gage, 7.00 a.m. 5.8 ft

NOTES.



Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 23 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	31	31	30	29	30	31	31	32	30	32	31	31	31	31	30	30	30	30	30	30	30	29	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy ×			Cloudy		—		Cloudy									—
	Sunrise: Time, 7.04 Character, Cloudy																				Sunset: Time, 4.17 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	W	SW	W	SW	SW	SW	SW	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S
Wind movement	10	10	11	12	15	12	8	9	10	17	14	14	14	15	12	13	13	11	10	10	10	8	5	3
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	29	31	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 10. Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 266

Average hourly velocity, 11.1

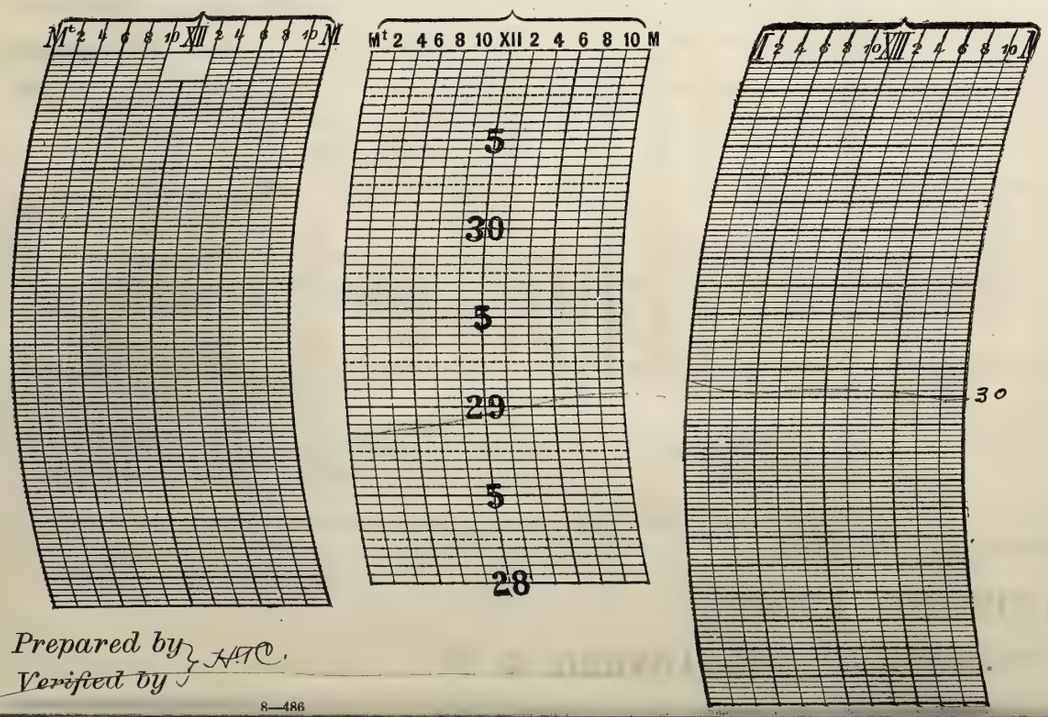
Maximum velocity,	Direction,	Time.
21	SW	9.55 a.m
E 23		

Relative humidity, 77 a. m. 84 p. m.

Reduced barometer, 29.82 a. m. 29.97 p. m.

River gage, 7.00 ans. 5.7 ft

NOTES.



Prepared by H.T.C.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 24 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	31	32	33	33	33	35	38	40	42	42	42	42	40	39	38	37	35	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt Cloudy ×			Clear			Clear											
Sunrise: Time, 7.04 Character, Cloudy																					Sunset: Time, 4.18 Character, Clear			
Sunshine (in tenths of hours)								0	0	0.6	1.0	1.0	1.0	1.0	1.0	0.3 0.7	0 30							
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW	S	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	5	5	5	5	7	9	7	7	5	9	14	12	12	13	12	10	8	11	10	11	10	9	9	10
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
42	30	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 2, Moon phase,

Actual sunshine, hours, 6.9

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 75

Prevailing direction S

Total movement, 215

Average hourly velocity, 9.0

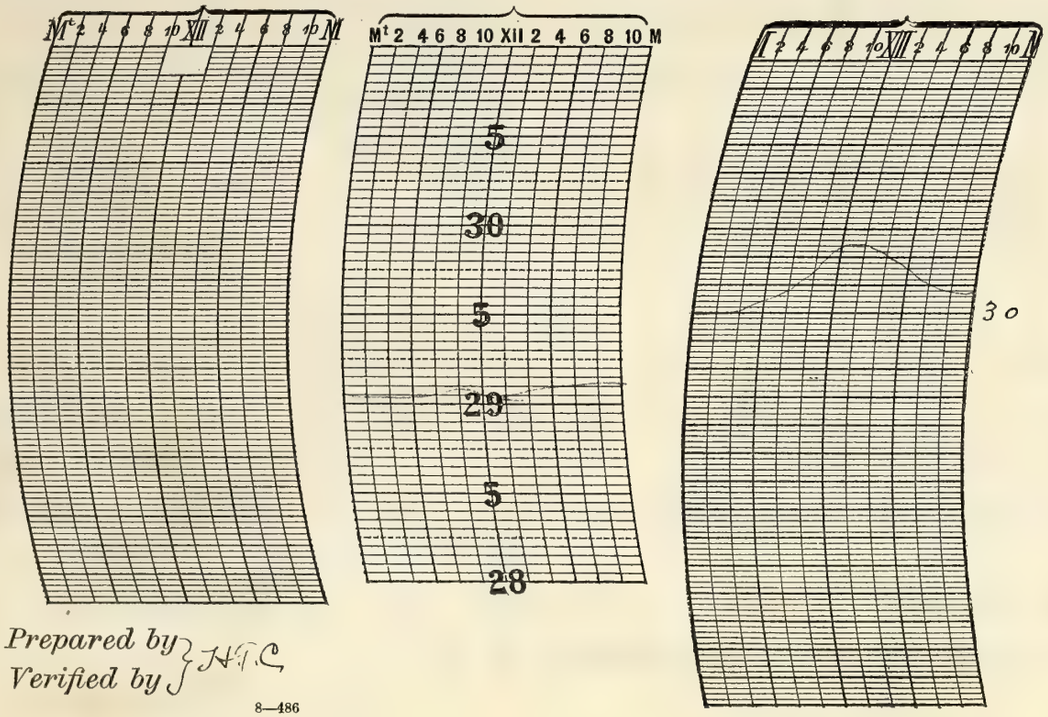
Maximum velocity,	Direction,	Time.
16	SW	11.00 a.m.
Ex 17		

Relative humidity, 75 a. m. 79 p. m.

Reduced barometer, 29.96 a. m. 30.04 p. m.

River gage, 7.00 a.m. 5.5 ft

NOTES.



Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 25 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	32	36	38	38	37	37	38	38	37	37	37	37	36	36	35	34	34	34	34	34	33	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								—	Cloudy				—	Cloudy										
Sunrise: Time, 7.05 Character, Cloudy																					Sunset: Time, 4.18 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	NW	N	NE	SE	S	N	N	NE	NE
Wind movement	10	10	10	9	14	14	12	10	11	8	9	7	7	8	6	5	3	3	4	3	4	4	6	8
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
38	32	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy, 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 185

Average hourly velocity, 7.7

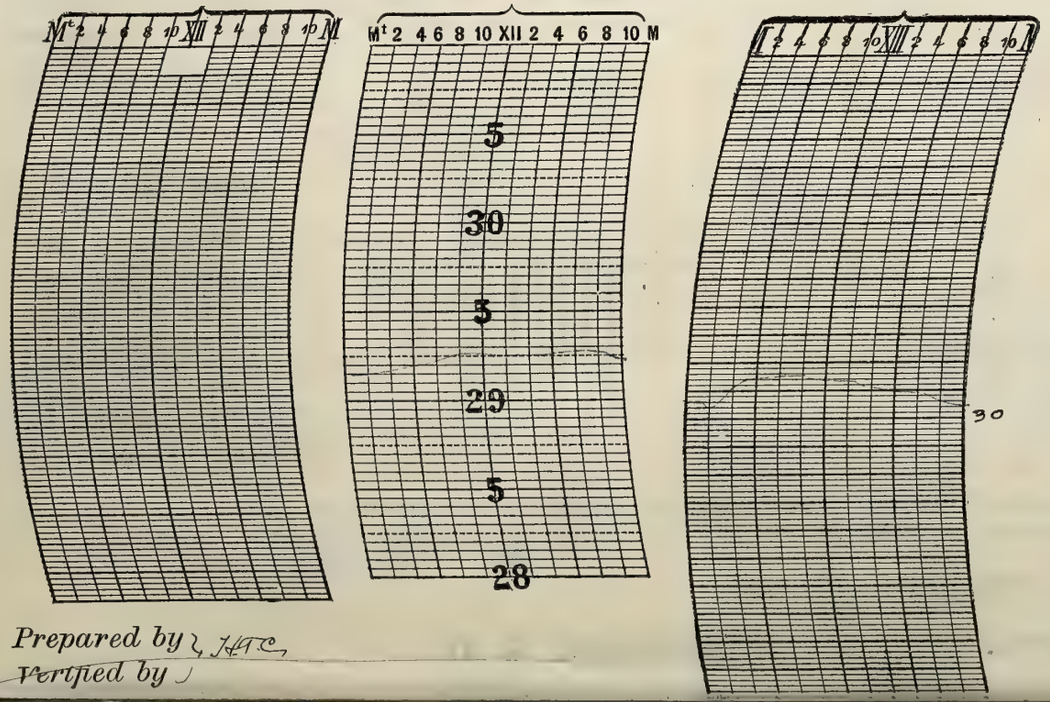
Maximum velocity,	Direction,	Time.
16 Ex 16	SW	5.00 a.m.

Relative humidity, 84 a. m. 79 p. m.

Reduced barometer, 30.11 a. m. 30.20 p. m.

River gage, 7.00 a.m. 5.3 ft

NOTES.



Prepared by J.H.R.

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 26 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	32	33	33	33	33	34	34	35	35	36	37	38	39	40	41	42	44	46	48	46	40	35
State of weather: Nature of precipitation and time of beginning and ending								RB 7.25												RE 7.20				
Amounts of precipitation								T	01	01	01	01	T	T	01	04	02	02	T	01				
Cloudiness and other conditions								Cloudy							Cloudy									
Sunrise: Time, 7.05 Character, Cloudy																					Sunset: Time, 4.19 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	SE	SE	S	SW	SW	SW	SW
Wind movement	7	8	9	9	11	12	12	12	12	11	12	13	15	12	10	10	7	6	7	10	20	25	31	32
Maximum velocities (exceeding 27 miles)																						35 SW 9.55	42 SW 10.56	44 SW 11.55

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
48	32	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .13 ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, Cloudy, 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction E

Total movement, 313

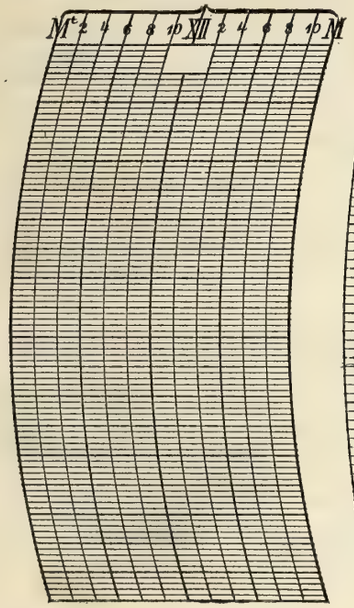
Average hourly velocity, 13.0

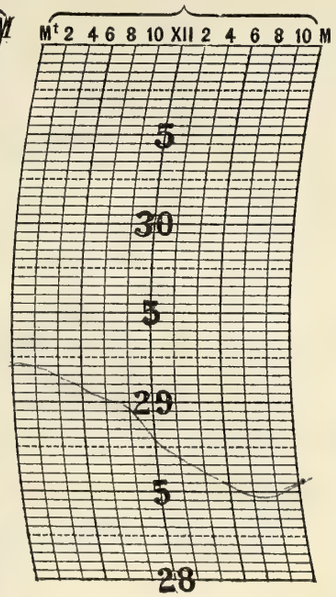
Maximum velocity,	Direction,	Time.
44 Ex. 48	SW	11.55 p.m.

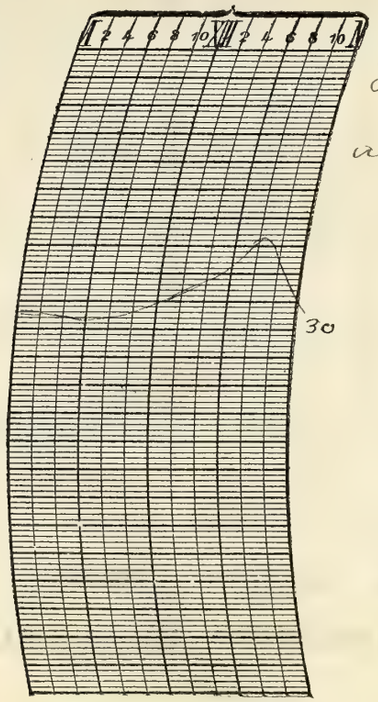
Relative humidity, 97 a. m. 98 p. m.

Reduced barometer, 29.94 a. m. 29.38 p. m.

River gage, 7.00 am. 4.9 ft







NOTES.

Light fog Began during the early morning and lifted at 4.00 p.m.

Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 27 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	30	30	29	27	26	25	24	25	25	24	24
			SB PN									
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 7.05 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0.1	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	W
Wind movement	33	32	29	32	32	30	30	23	23	24	24	22
Maximum velocities (exceeding 27 miles)	40 SW 12.15	42 SW 1.16	34 SW 2.15	36 SW 3.10	38 SW 4.10	36 W 5.30	37 SW 6.40		30 SW 8.25	30 SW 9.15		

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	25	25	23	22	21	20	16	14	12	11	10
		SE 1.10								SB PN		SE PN
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Pt Cloudy										
Sunset: Time, 4.19 Character, Cloudy												
Sunshine (in tenths of hours)	0	0.8	0.9	0.3	0							
Wind direction	W	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	24	26	25	25	25	27	26	25	25	24	22	21
Maximum velocities (exceeding 27 miles)					31 W 4.40	30 W 5.02	31 W 6.55	30 W 7.05		30 W 9.12		

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

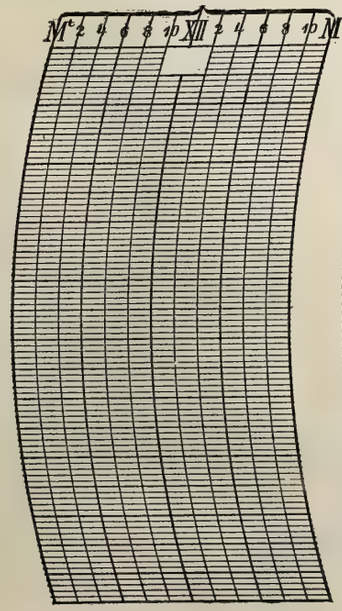
Excessive precipitation, accumulated amounts

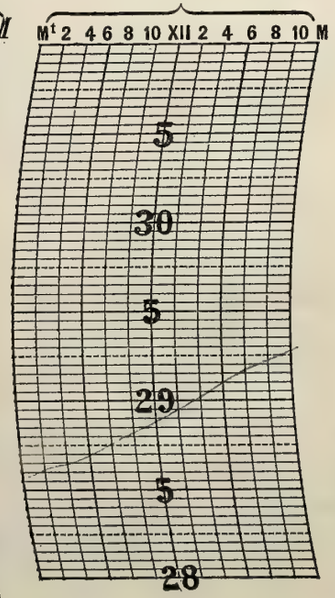
Maximum.	Minimum.	Mean.	Normal.
35	10	23	

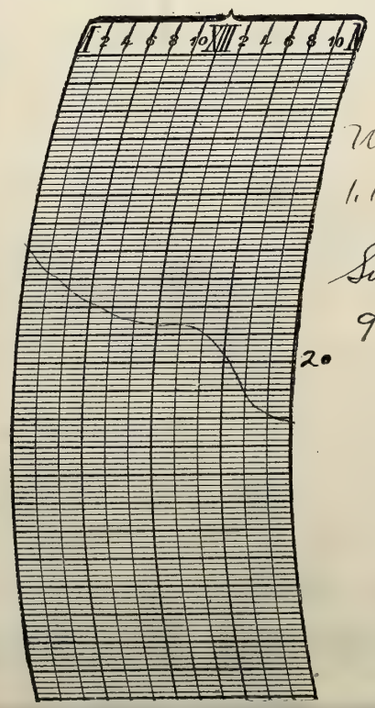
Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy 8, Moon phase,
Actual sunshine, hours, 2.1
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 23
Prevailing direction W
Total movement, 628
Average hourly velocity, 26.2

Maximum velocity,	Direction,	Time.
42 Ex. 50	SW	1.18 p.m.

Relative humidity, 81 a. m. 82 p. m.
Reduced barometer, 29.69 a. m. 30.10 p. m.
River gage, 7.00 a.m. 4.8 ft.







NOTES.

Light snow began during the early morning and, from 9.00 a.m. during the forenoon till 1.10 p.m. there occurred snow flurries.

Snow Flurries occurred during the night between 9.00 p.m. & midnight.

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 28 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	9	9	9	9	9	8	10	7	9	11	14	15	18	21	23	22	22	21	22	22	21	21	20	20
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								—	Clear			—		—	Clear		—							
Sunrise: Time, 7.06; Character, Cloudy																					Sunset: Time, 4.20; Character, Clear			
Sunshine (in tenths of hours)								0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	33 0							
Wind direction	W	W	W	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S
Wind movement	21	21	20	20	19	16	13	13	15	14	13	12	12	13	13	11	6	6	4	3	4	8	7	8
Maximum velocities (exceeding 29 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	24	7	16	

Total depth of snow for 24 hours ending 7 p. m., Tr inches.

Snow on ground 7 p. m., X 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 2. Moon phase, First Q.

Actual sunshine, hours, 7.7

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 84

Prevailing direction SW

Total movement, 292

Average hourly velocity, 12.2

Maximum velocity, 26 Direction, W Time. 12.05 AM

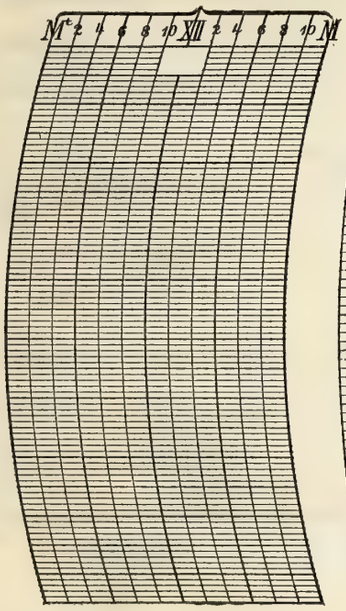
Ex 28

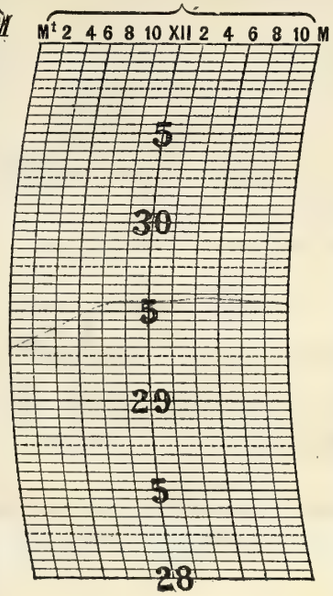
Relative humidity, 86 a. m. 52 p. m.

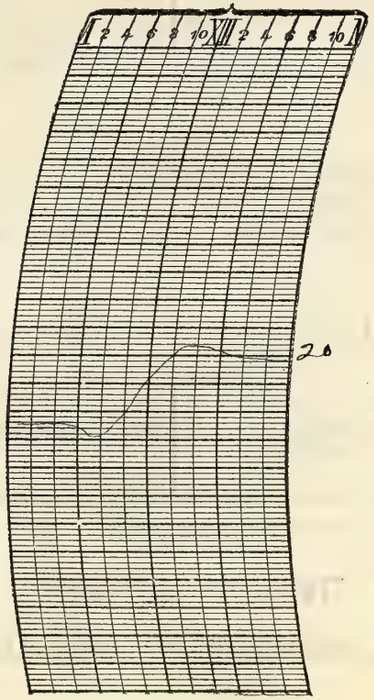
Reduced barometer, 30.46 a. m. 30.52 p. m.

River gage, 7.00 am. 4.7 ft

NOTES.







Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 29 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	20	19	19	19	20	22	23	24	27	29	32	34	34	35	37	36	35	35	35	34	32	32	33	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							—	Cloudy					—	Pt Cloudy										
Sunrise: Time, 7.06 Character, Cloudy																					Sunset: Time, 4.21 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0.1	1.0	1.0	1.0	0.3	0	0							
Wind direction	S	S	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	S
Wind movement	8	6	7	10	7	8	6	7	8	11	12	14	13	13	11	10	9	8	7	7	9	6	5	7
Maximum velocities (exceeding 27 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
37	19	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy 6 Moon phase,

Actual sunshine, hours, 3.4

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 37

Prevailing direction S

Total movement, 209

Average hourly velocity, 8.7

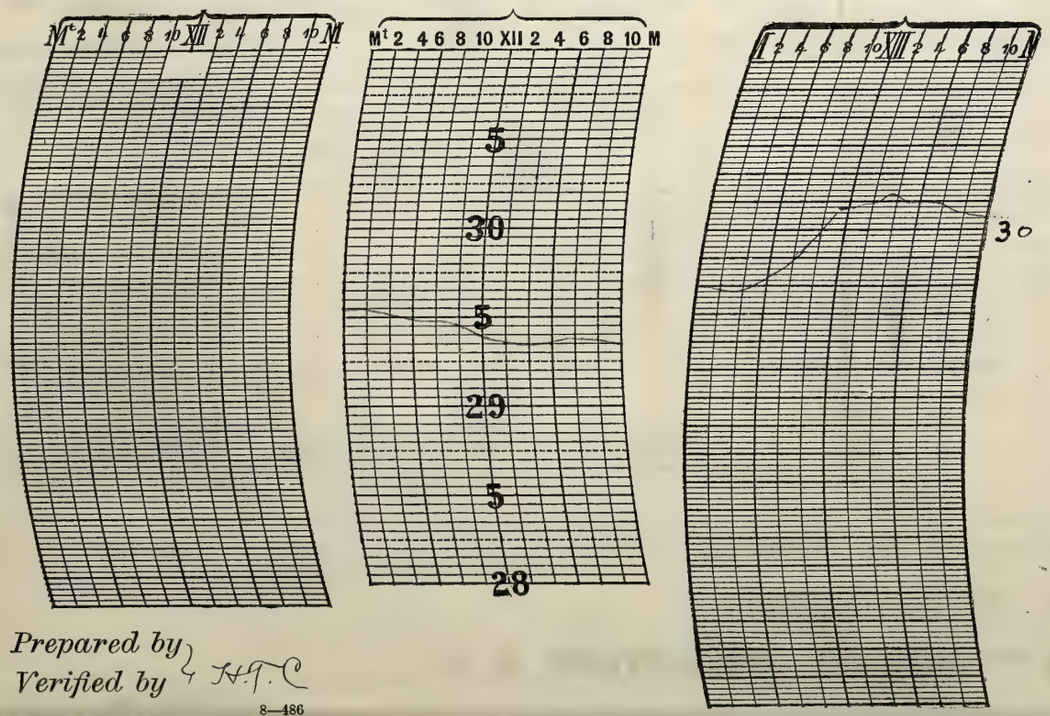
Maximum velocity,	Direction,	Time.
16 Ex. 17	S	11.10 am

Relative humidity, 72 a. m. 64 p. m.

Reduced barometer, 30.42 a. m. 30.31 p. m.

River gage, 7.00 am. 3.5 ft

NOTES.



Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 30 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	32	31	32	32	32	33	33	33	33	34	34
Nature of precipitation and time of beginning and ending		SB ON							SB 8.35 RB 8.35 Rai			
Amounts of precipitation									.02	.02	.03	.03
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 7.06 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	7	5	5	4	3	4	3	4	5	5	6	5

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	35	35	36	35	35	35	35	34	34	34
Nature of precipitation and time of beginning and ending										RB 10.00		
Amounts of precipitation	.03	.03	.02	.02	.05	.04	.04	.02	.01	.01		
Cloudiness and other conditions			Cloudy									
Sunset: Time, 4.22 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SE	SE	E	E	E	E	E	E	E	E	E	E
Wind movement	6	5	5	6	5	5	5	4	4	3	4	3

Maximum velocities (exceeding 27 miles)

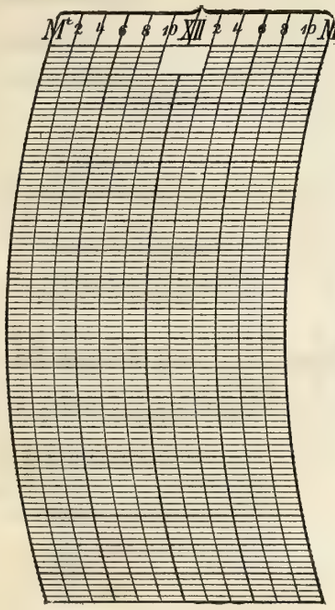
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

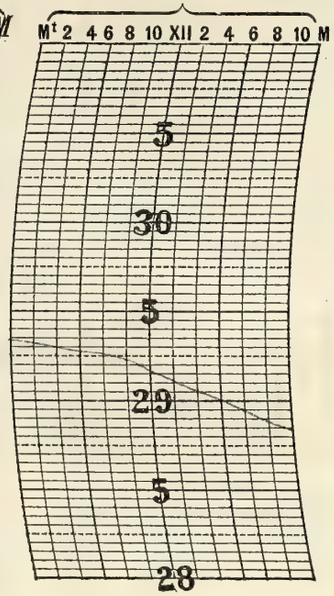
	Maximum.	Minimum.	Mean.	Normal.
	36	31	34	

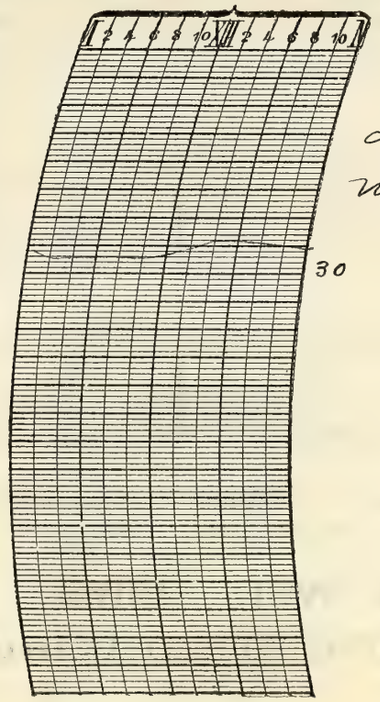
Total depth of snow for 24 hours ending 7 p. m., 3.0 inches.
Snow on ground 7 p. m., 1 inches.
Total snowfall, midnight to midnight, 3.0 inches.
Precipitation to 7 a. m., .19 ins.; to 7 p. m., .42 ins.
Total precipitation, midnight to midnight, .65 inches.
Character of day, Cloudy 10 Moon phase,
Actual sunshine, hours, 0
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 0
Prevailing direction SE
Total movement, 111
Average hourly velocity, 4.6

Maximum velocity,	Direction,	Time.
8 Ex 8	S	12.30 a m.

Relative humidity, 95 a. m. 100 p. m.
Reduced barometer, 30.21 a. m. 29.93 p. m.
River gage, 7.00 am 4.7 ft







NOTES.

snow began during the early morning and it turned to rain during the forenoon making the streets and walks very slushy

Prepared by } H.S.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 31 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	37	37	39	40	42	40	38	33	27	24
Nature of precipitation and time of beginning and ending				RG DN				RE 7.40			SB 10.00	
Amounts of precipitation				T	.01	.01	.01	T				
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	7.06 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	SE	SE	SE	S	S	SW	SW	SW	SW	SW	SW
Wind movement	3	4	5	7	8	10	18	22	26	30	30	33
Maximum velocities (exceeding 27 miles)									30 SW 8.50	32 SW 9.45	34 SW 10.35	35 SW 11.15

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	22	21	22	21	20	21	21	20	19	18	19	18
Nature of precipitation and time of beginning and ending				SE 4.00				SB 7.30	SE 8.30			
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4.22 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	29	34	32	33	30	35	32	29	24	25	23	22
Maximum velocities (exceeding 27 miles)	37 SW 12.40	39 SW 1.25	38 SW 2.04	37 SW 3.45	40 SW 4.10	42 SW 5.45	39 SW 6.30	35 SW 7.30	30 SW 8.10		~~38~~ 30 SW 10.10	

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

State of weather.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	18	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .07 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 544

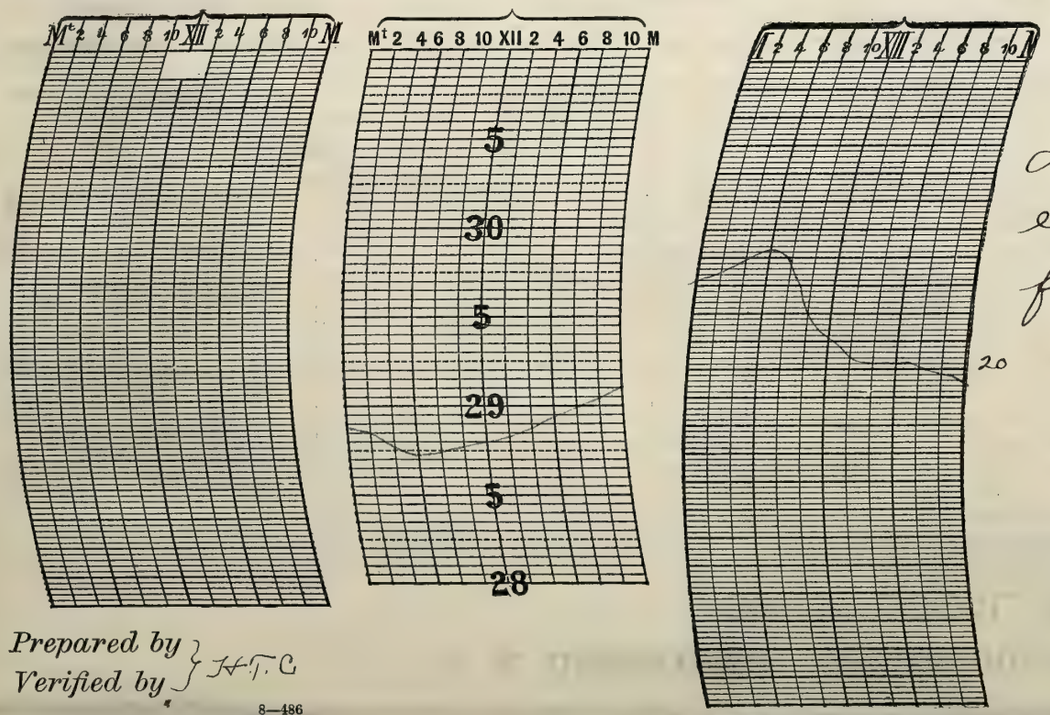
Average hourly velocity, 22.7

Maximum velocity,	Direction,	Time.
42 Ex 46	SW	5.45 p.m.

Relative humidity, 98 a. m. 77 p. m.

Reduced barometer, 29.63 a. m. 29.90 p. m.

River gage 7.00 a.m. 5.3 ft



NOTES.

~~With the lowering of the temperature during the day.~~ Rain fell during the early morning. Turning colder. Snow flurries during the day and evening.

Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

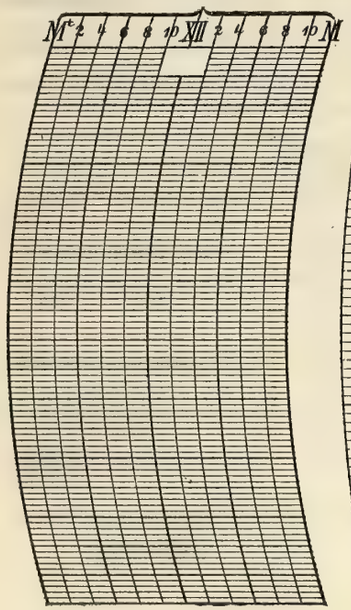
Maximum velocity, ____ Direction, ____ Time. ____

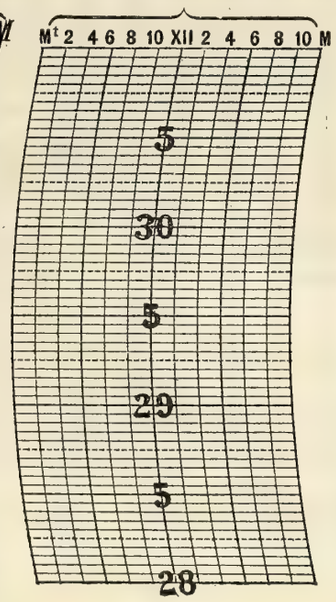
Relative humidity, ____ a. m. ____ p. m.

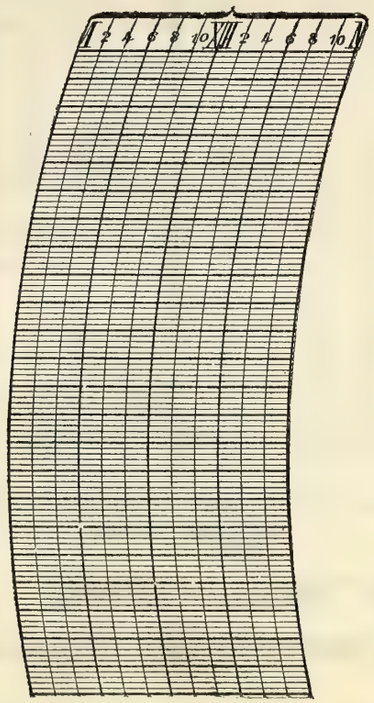
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

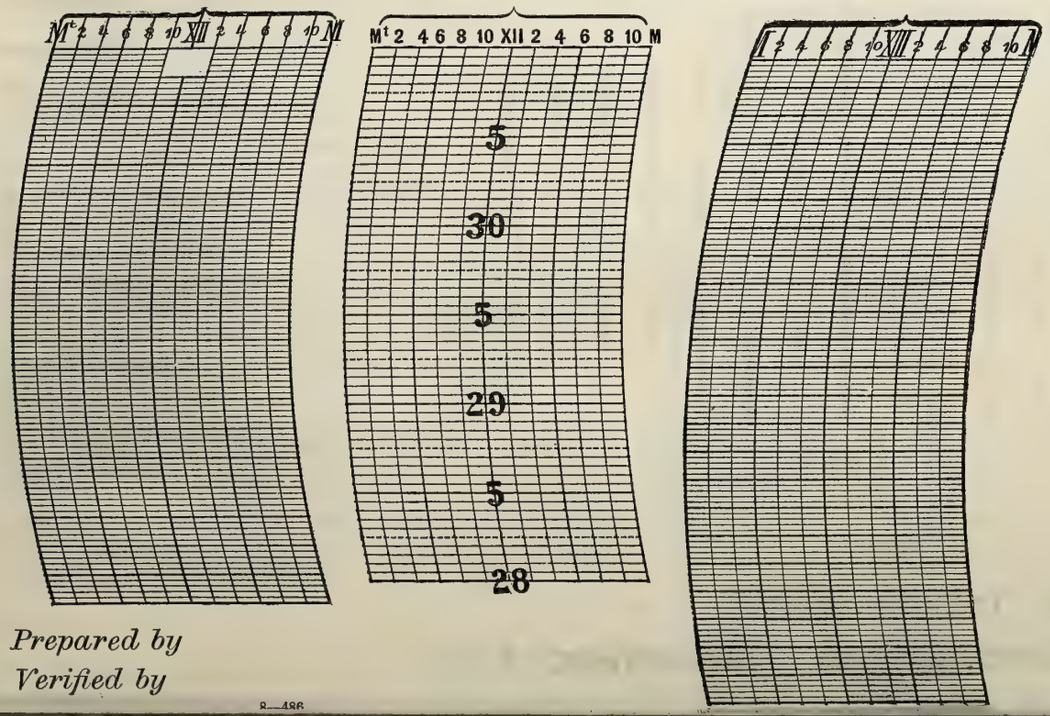
Maximum velocity,	Direction,	Time.
____	____	____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

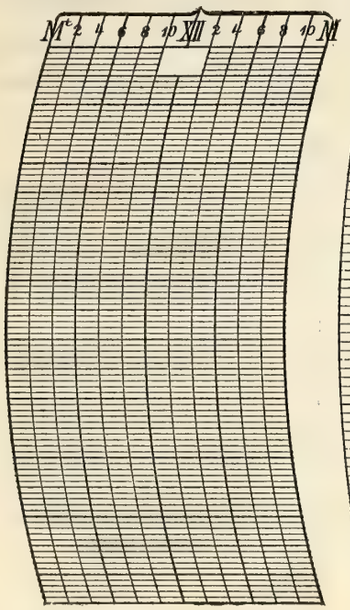
Maximum velocity, ____ Direction, ____ Time. ____

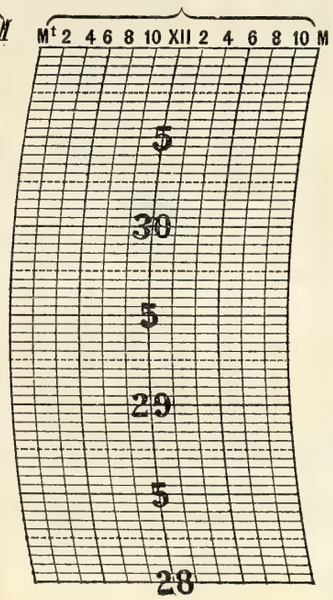
Relative humidity, ____ a. m. ____ p. m.

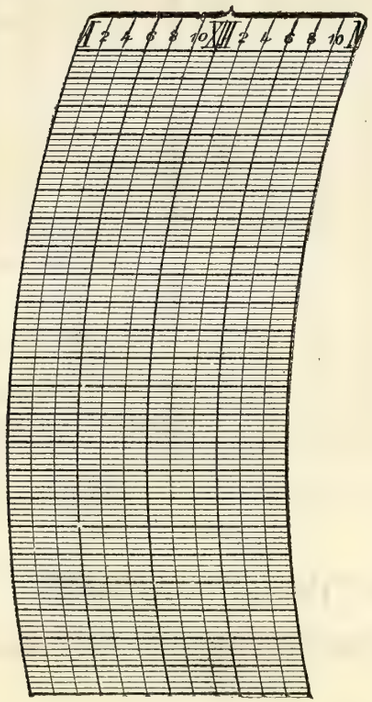
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

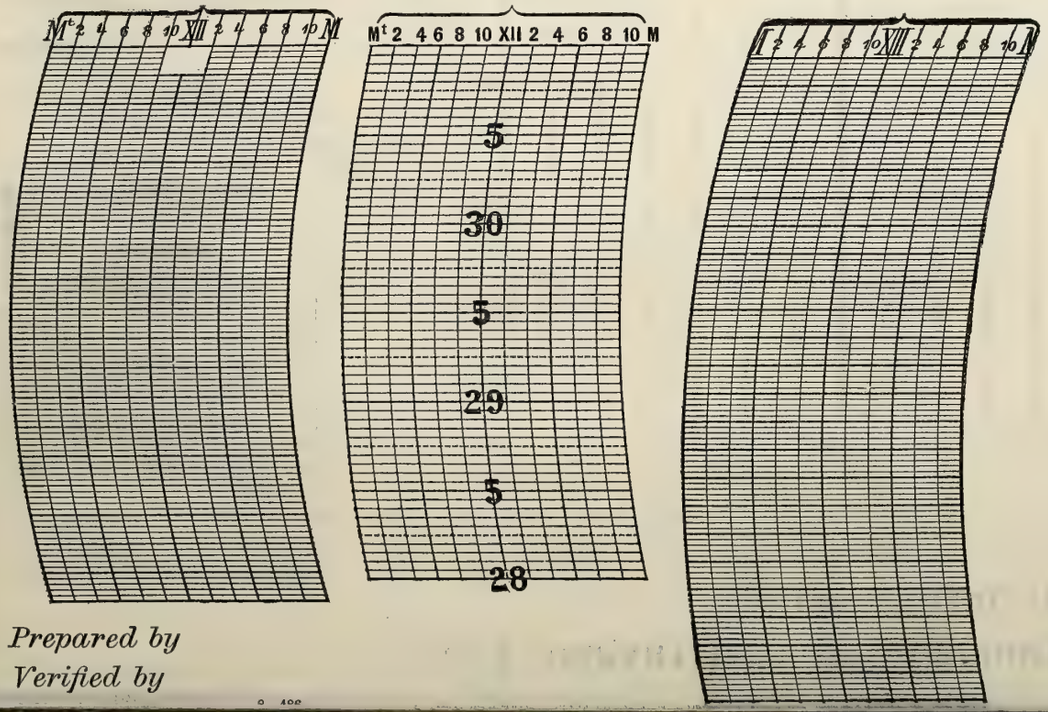
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

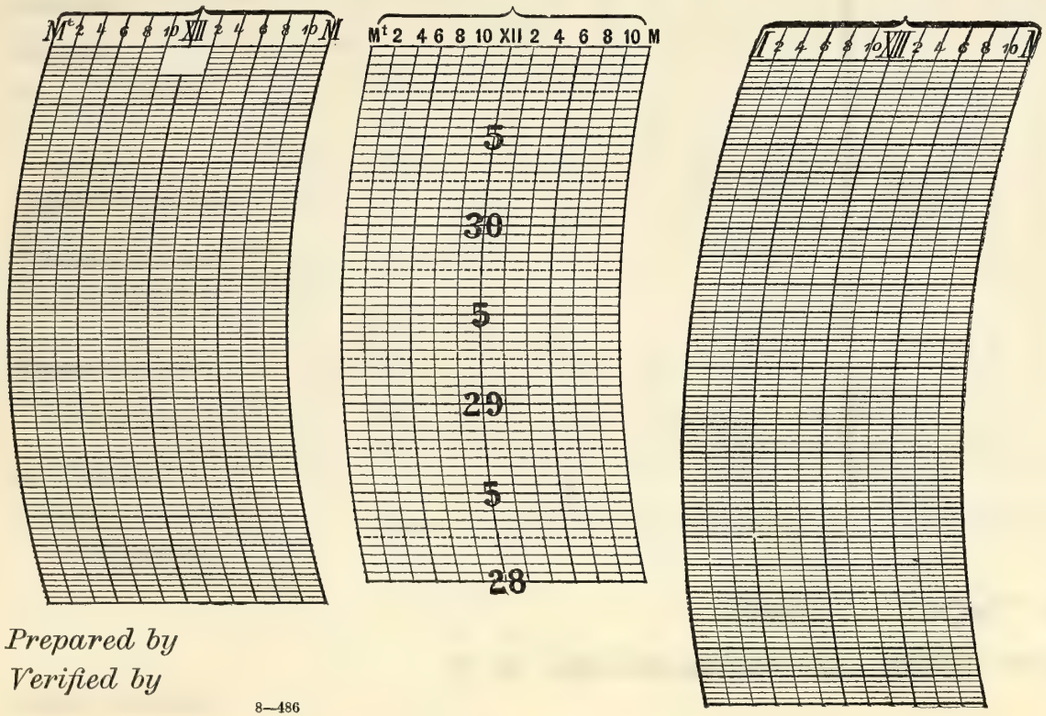
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

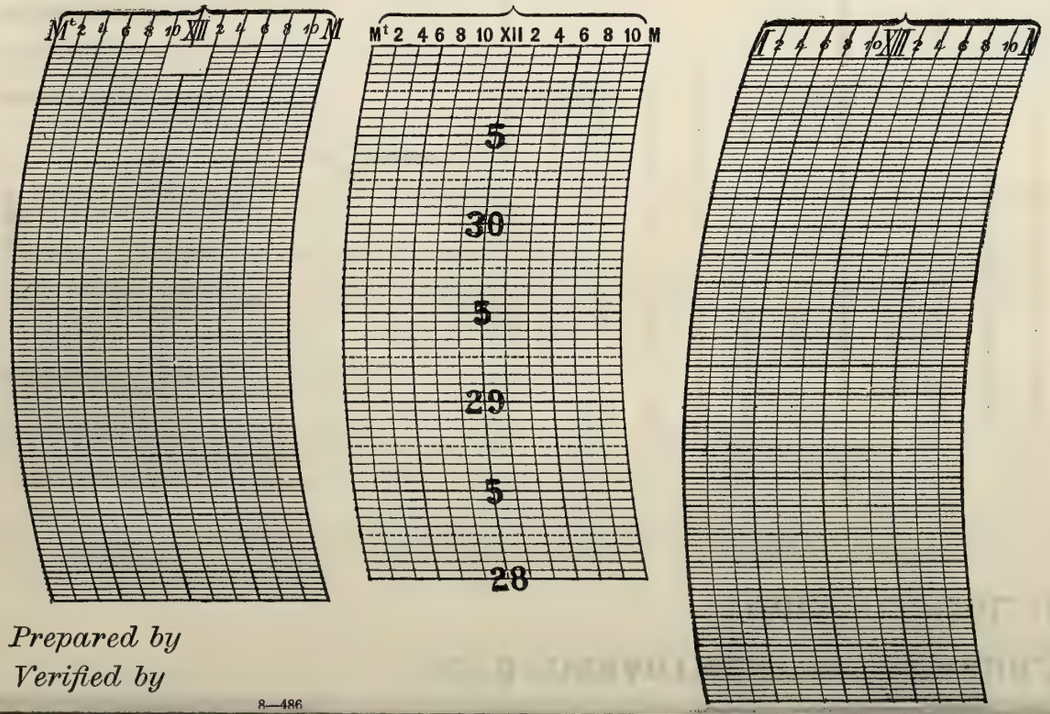
Maximum velocity,	Direction,	Time.
_____	_____	_____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

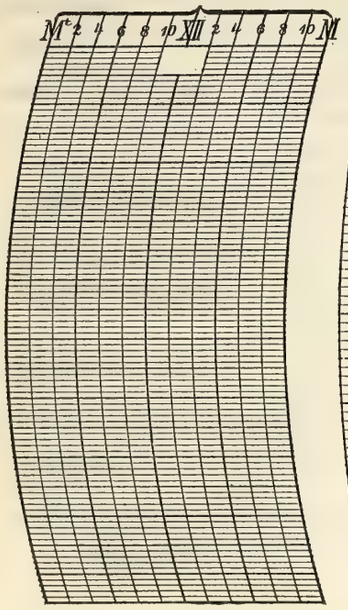
Average hourly velocity, ____

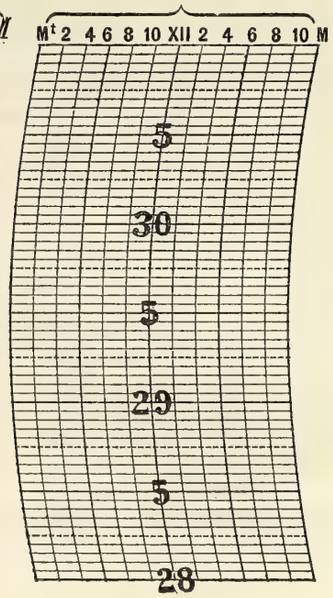
Maximum velocity, ____ Direction, ____ Time. ____

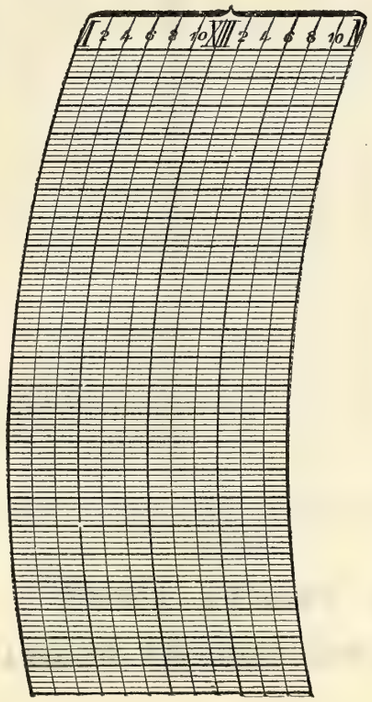
Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____







NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

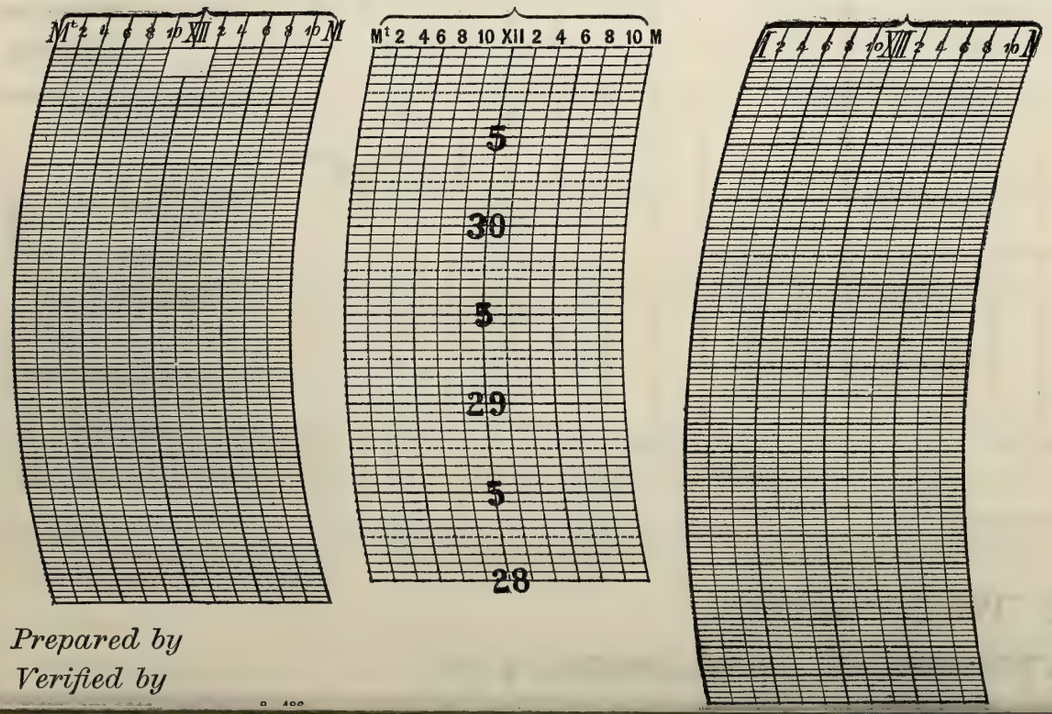
Maximum velocity,	Direction,	Time.
_____	_____	_____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

Form No. 1012—Met f.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

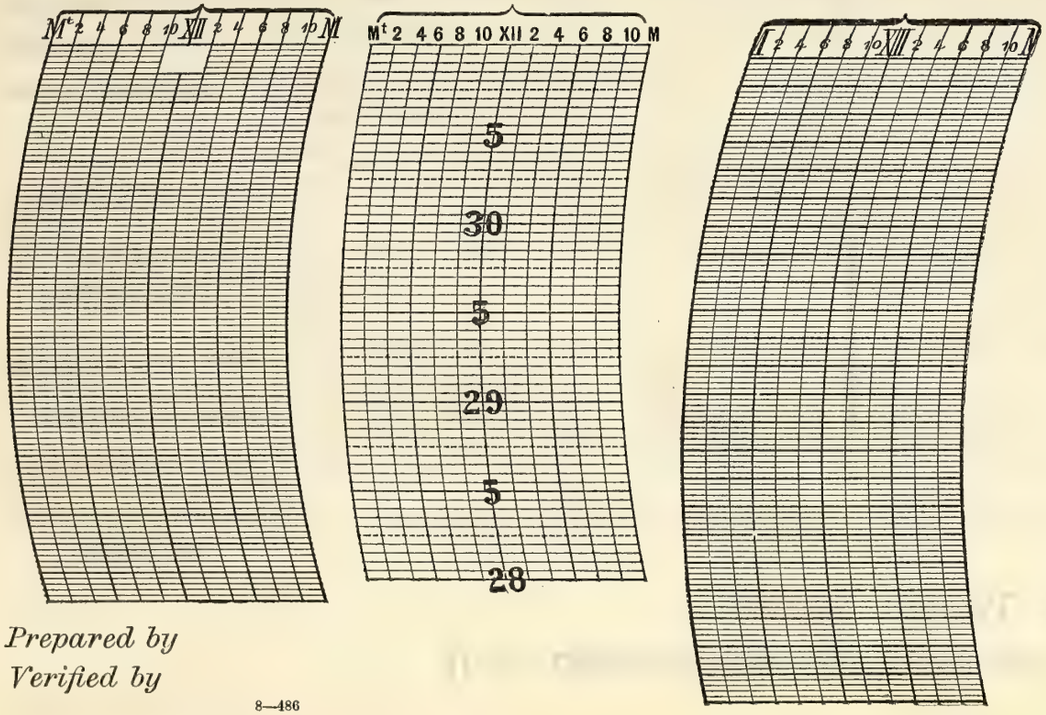
Average hourly velocity, ____

Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____



NOTES.

Prepared by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

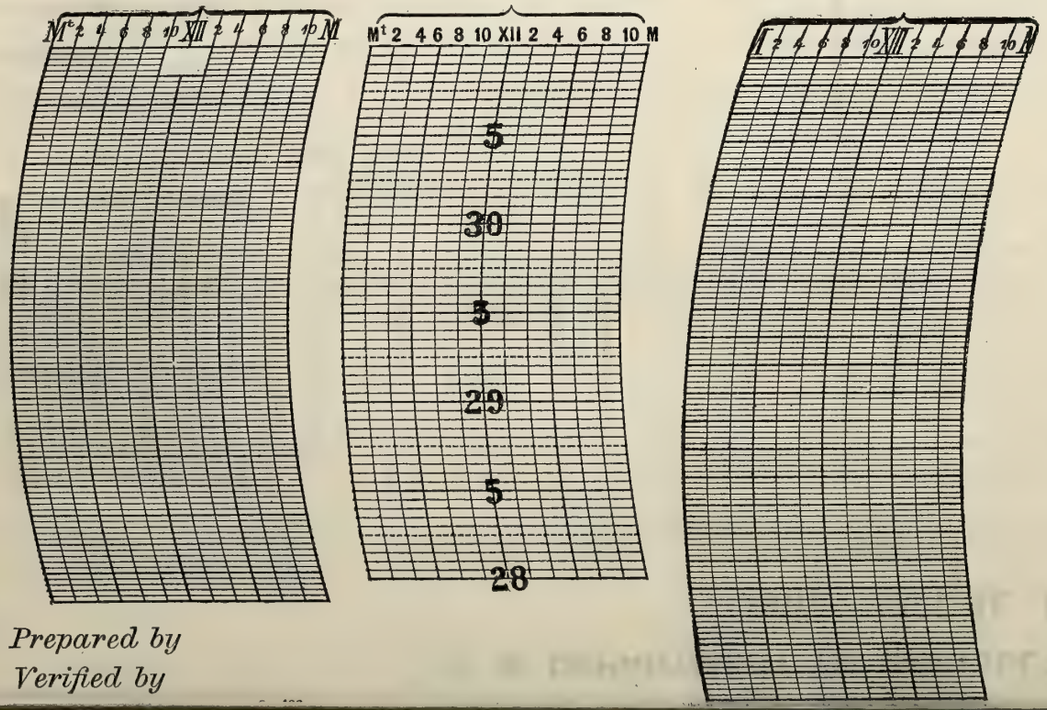
Maximum velocity,	Direction,	Time.

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

Form No. 1012—Mo. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

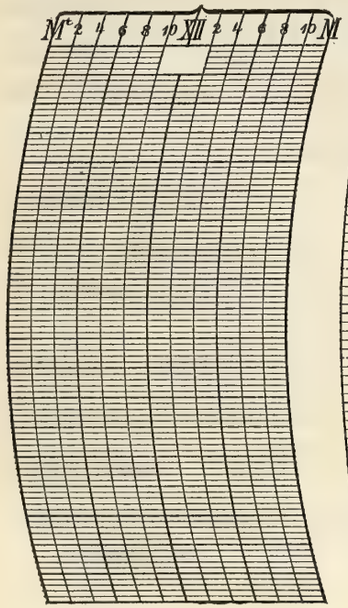
Maximum velocity, _____ Direction, _____ Time. _____

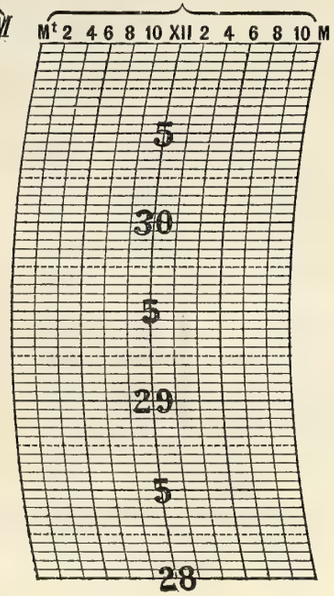
Relative humidity, _____ a. m. _____ p. m.

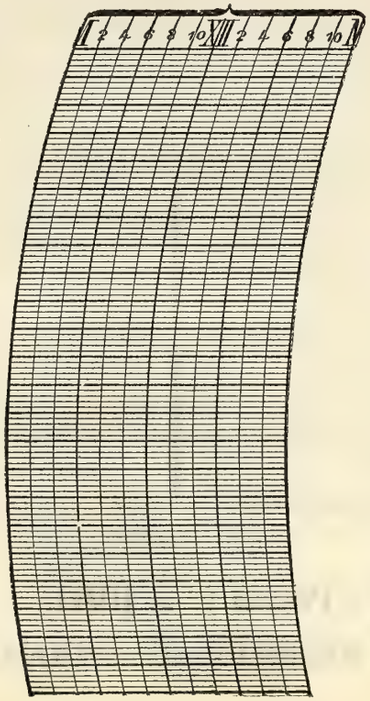
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

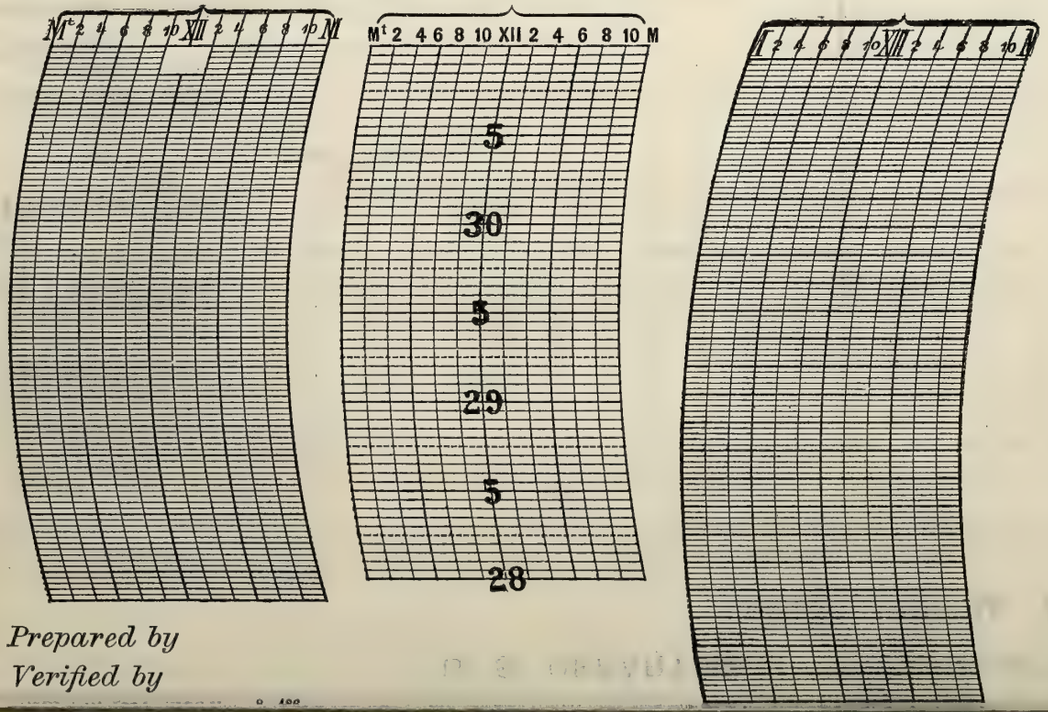
Maximum velocity,	Direction,	Time.
_____	_____	_____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time, ____ Character, ____																					Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

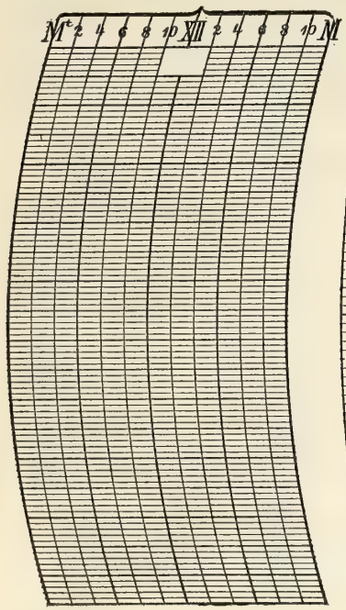
Maximum velocity, ____ Direction, ____ Time. ____

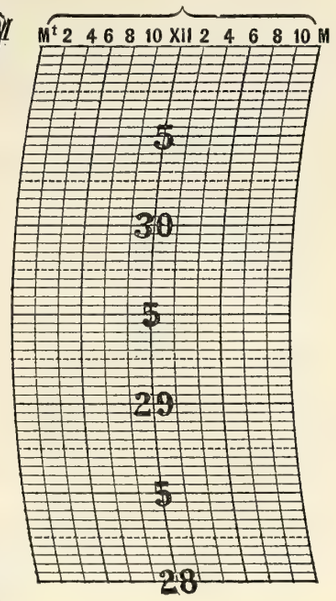
Relative humidity, ____ a. m. ____ p. m.

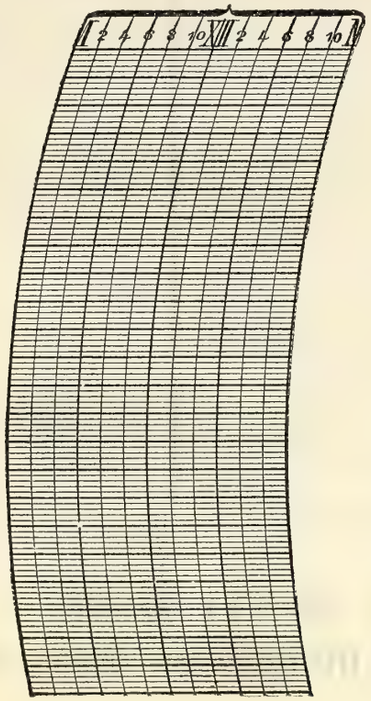
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

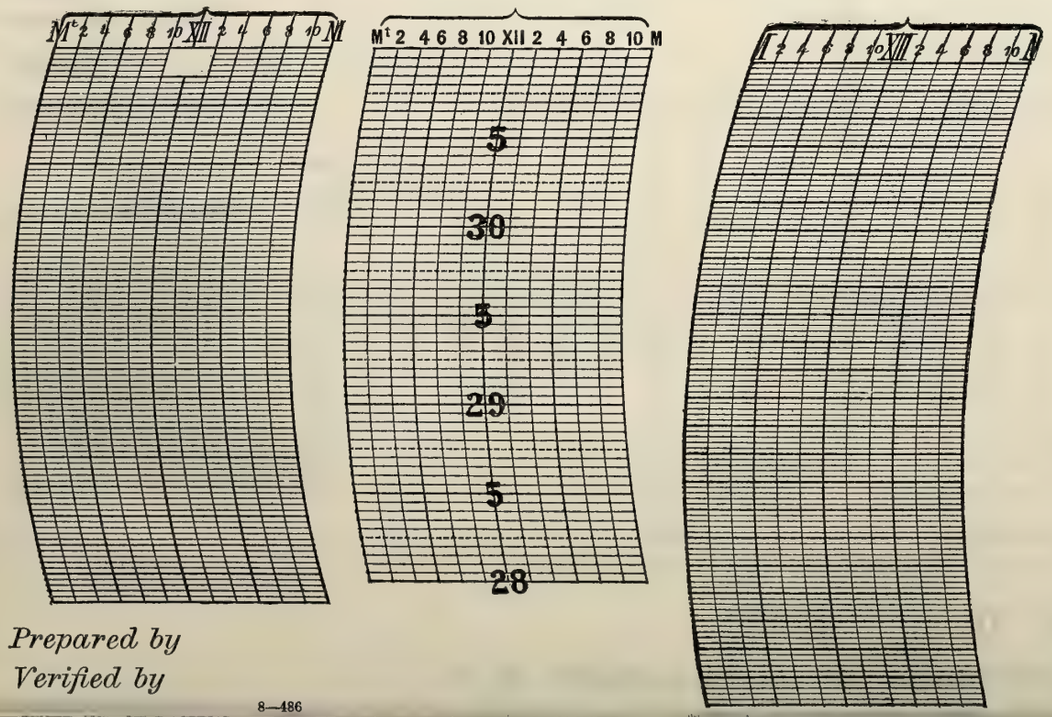
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

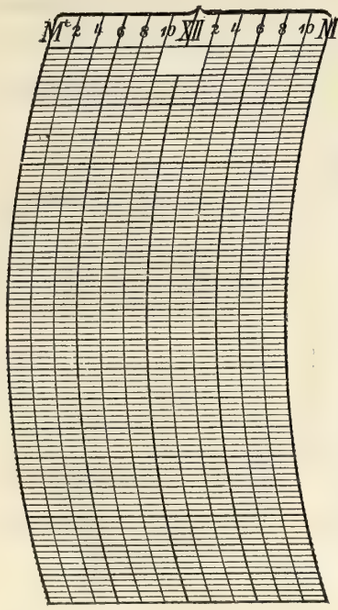
Maximum velocity,	Direction,	Time.
____	____	____

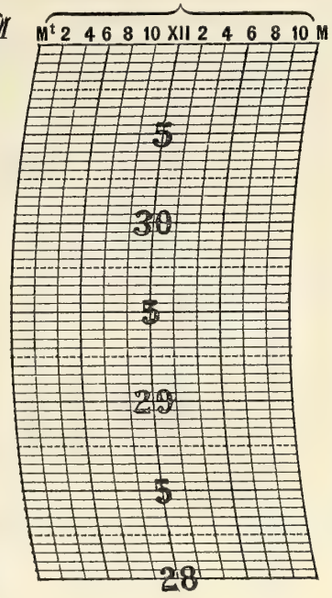
Relative humidity, ____ a. m. ____ p. m.

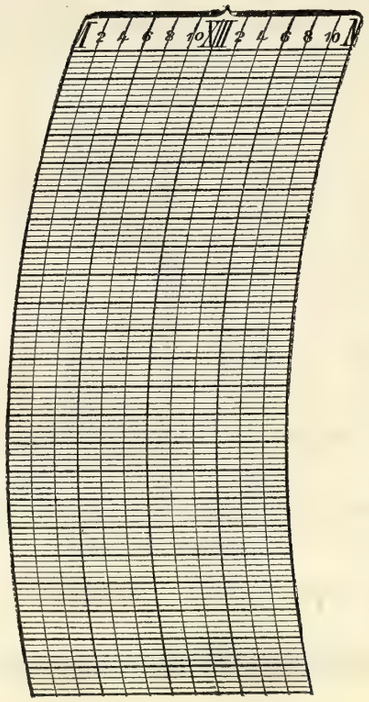
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

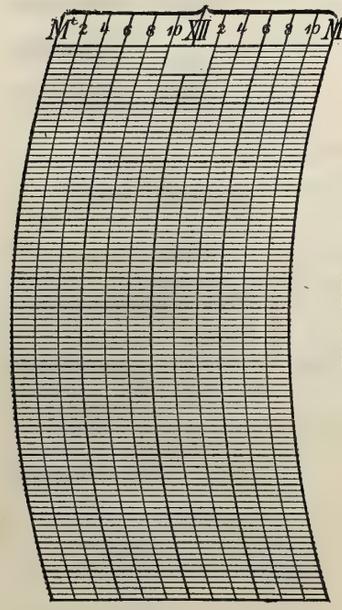
Maximum velocity, _____ Direction, _____ Time. _____

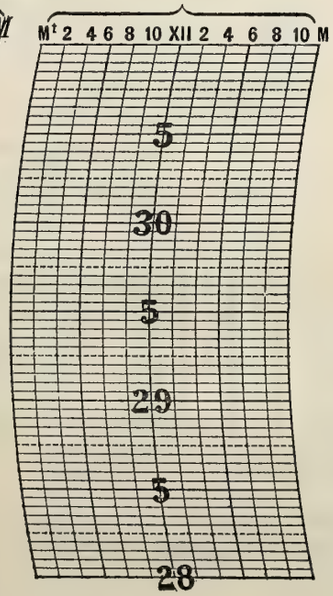
Relative humidity, _____ a. m. _____ p. m.

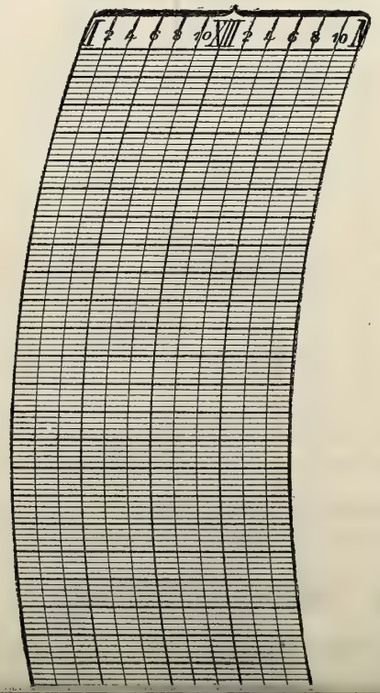
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

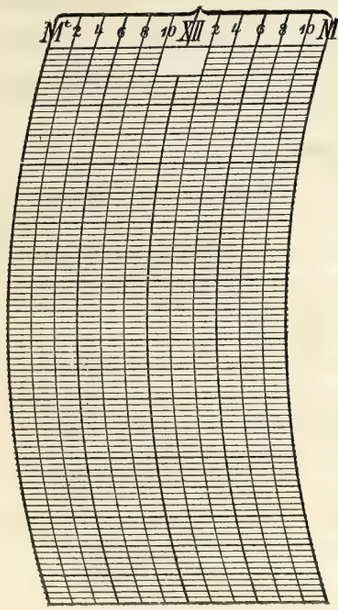
Maximum velocity,	Direction,	Time.
____	____	____

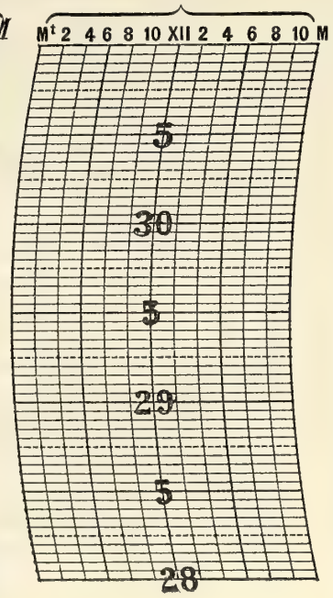
Relative humidity, ____ a. m. ____ p. m.

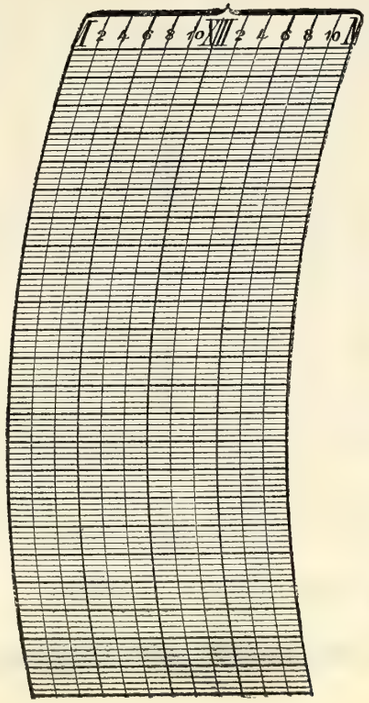
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

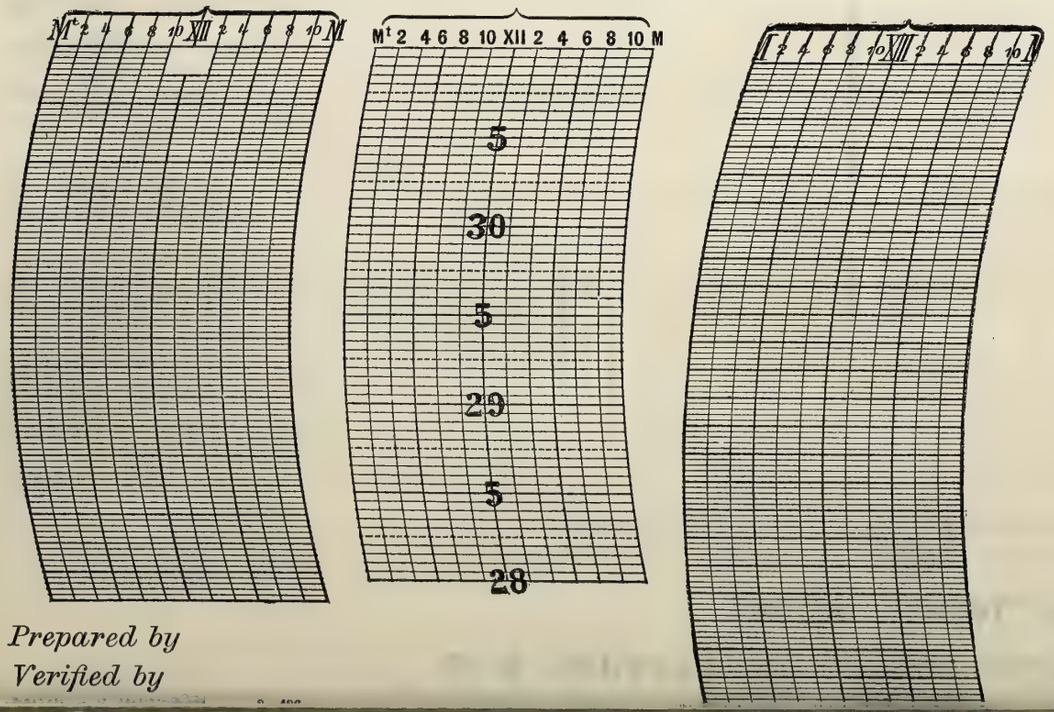
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

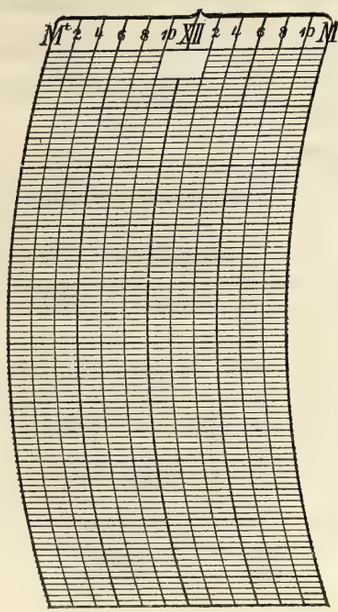
Maximum velocity, ____ Direction, ____ Time, ____

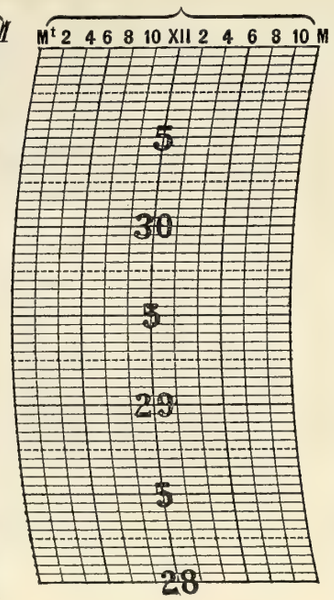
Relative humidity, ____ a. m. ____ p. m.

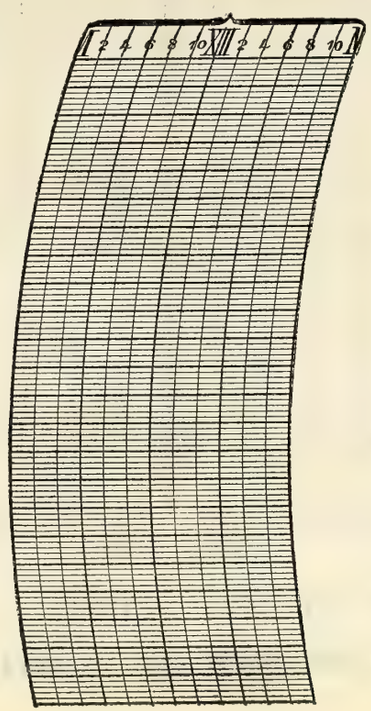
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

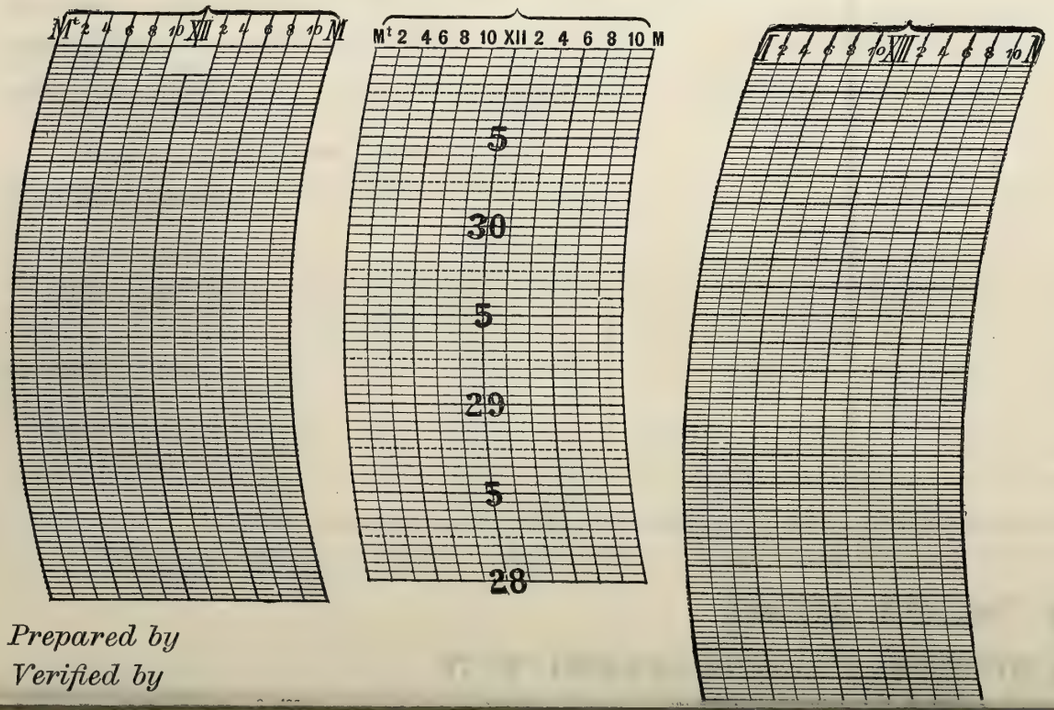
Maximum velocity,	Direction,	Time.
_____	_____	_____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

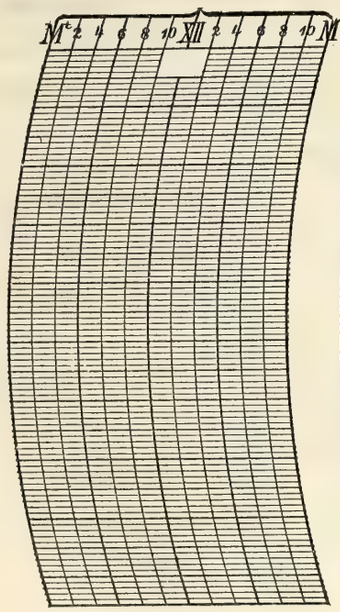
Maximum velocity,	Direction,	Time.
____	____	____

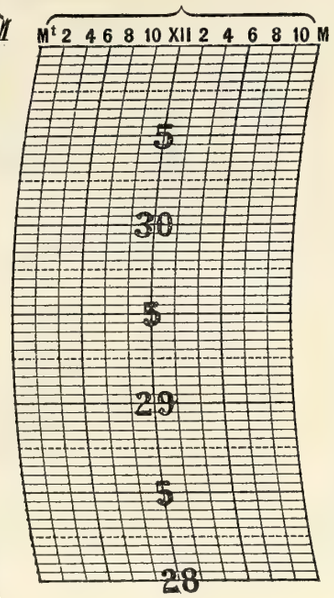
Relative humidity, ____ a. m. ____ p. m.

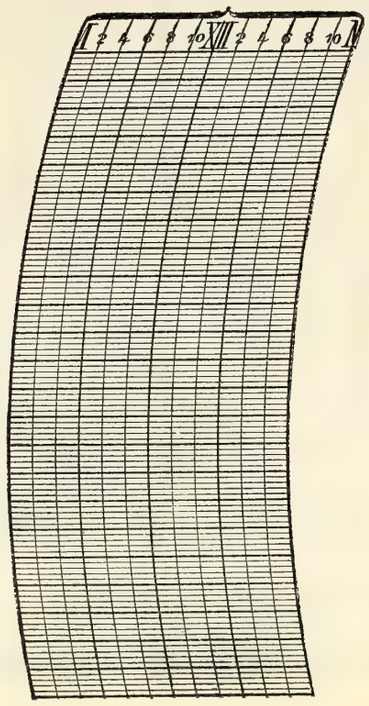
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

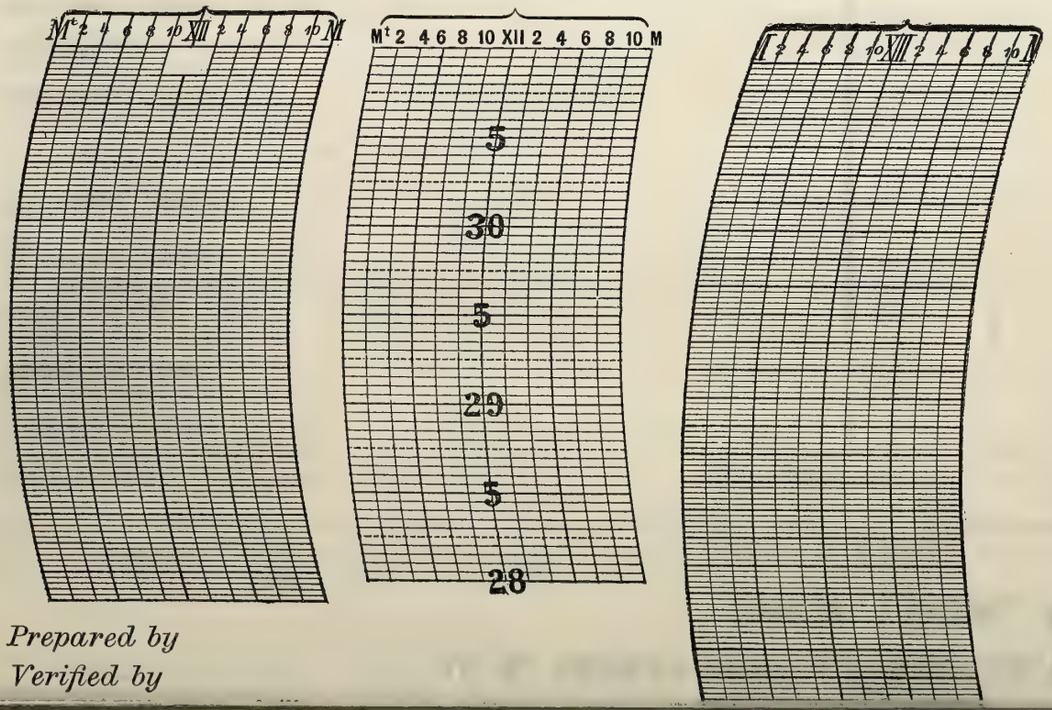
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

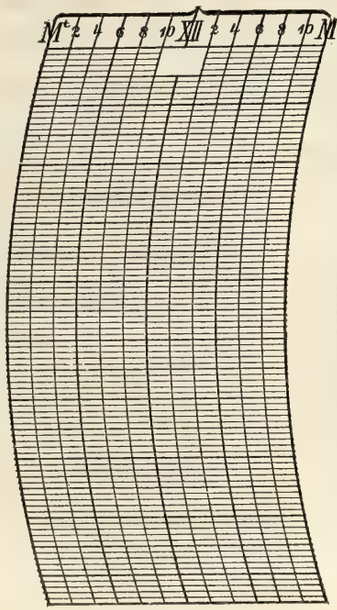
Maximum velocity,	Direction,	Time.
_____	_____	_____

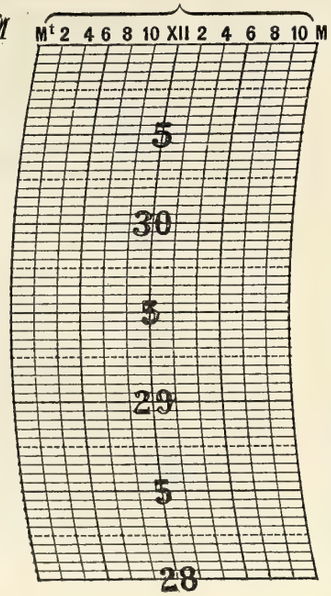
Relative humidity, _____ a. m. _____ p. m.

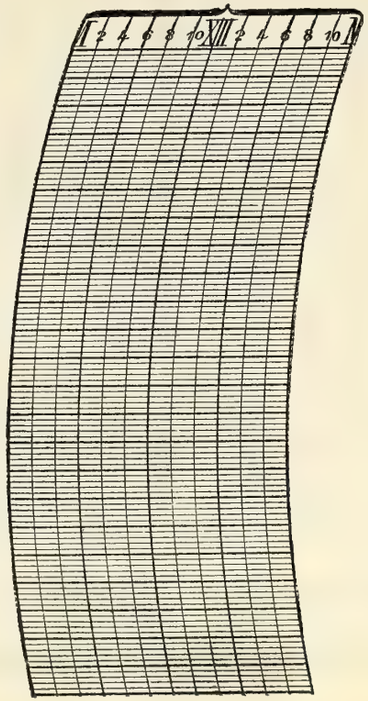
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

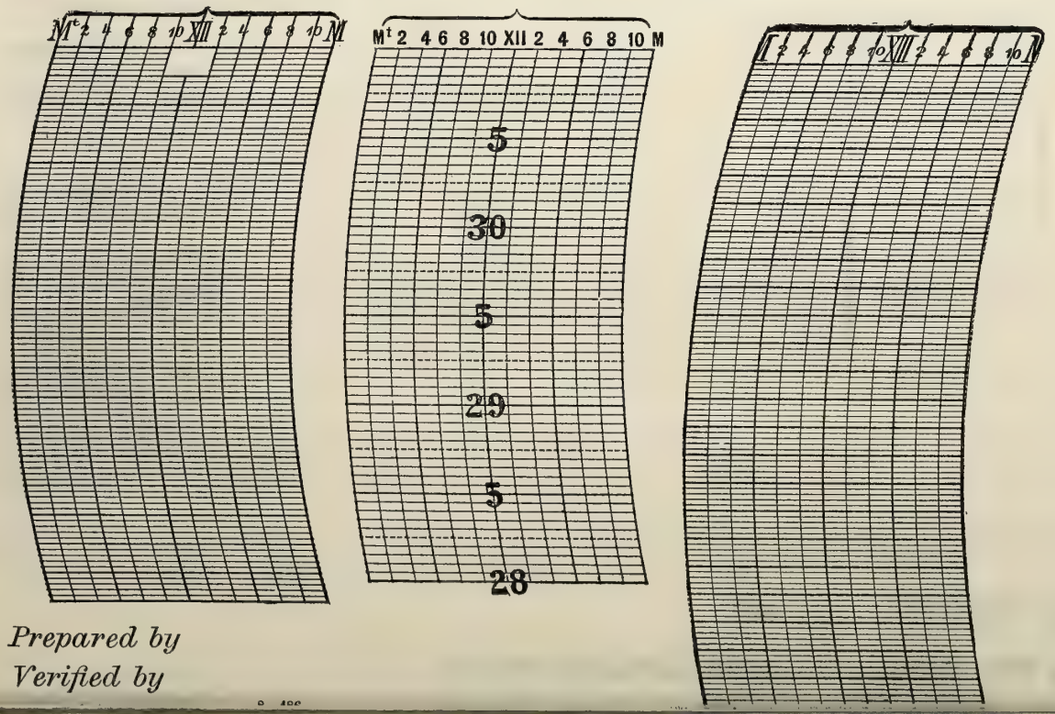
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

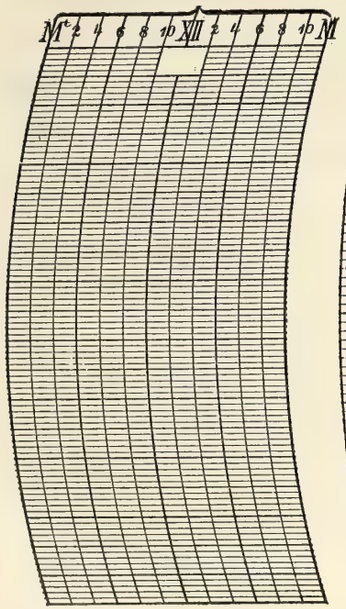
Maximum velocity,	Direction,	Time.

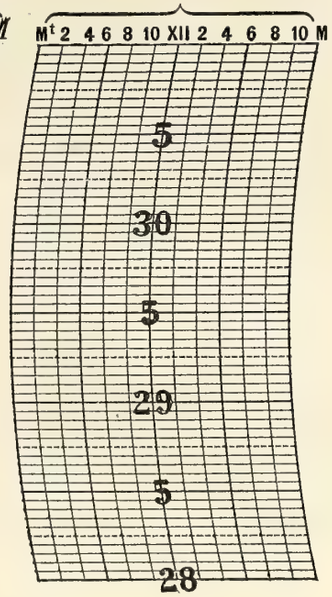
Relative humidity, ____ a. m. ____ p. m.

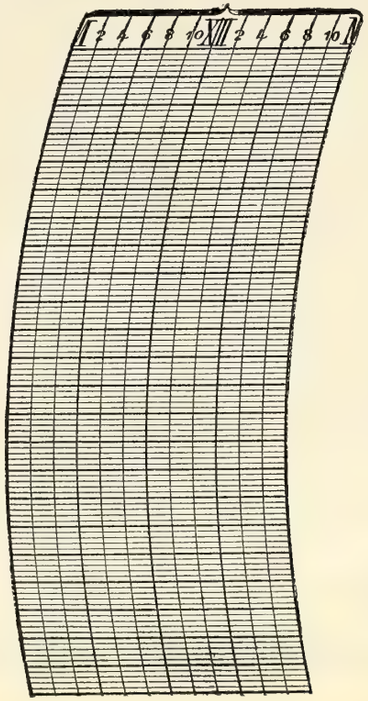
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time, Character,																					Sunset: Time, Character,			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction_____

Total movement, _____

Average hourly velocity, _____

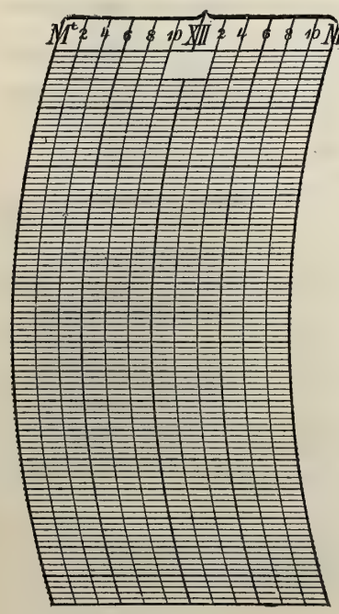
Maximum velocity, _____ Direction, _____ Time. _____

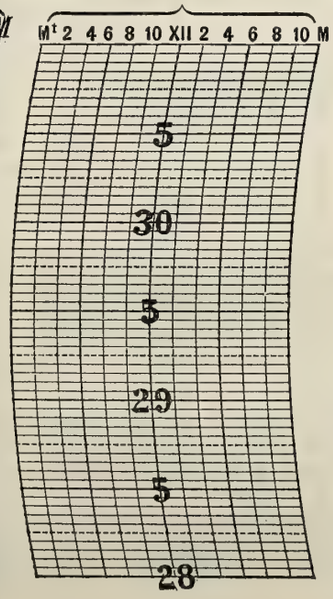
Relative humidity, _____ a. m. _____ p. m.

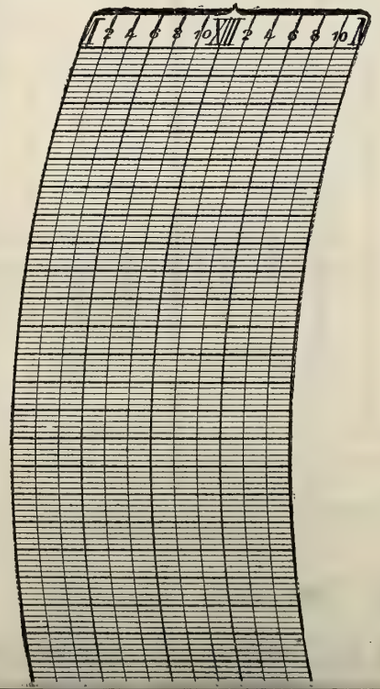
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

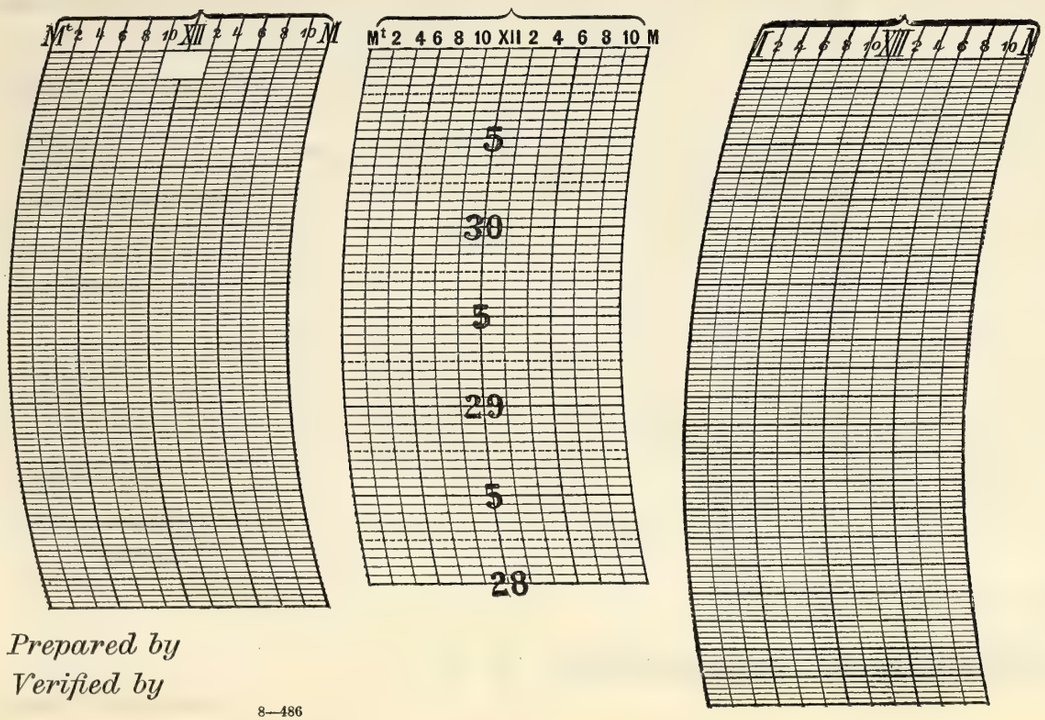
Maximum velocity,	Direction,	Time.

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

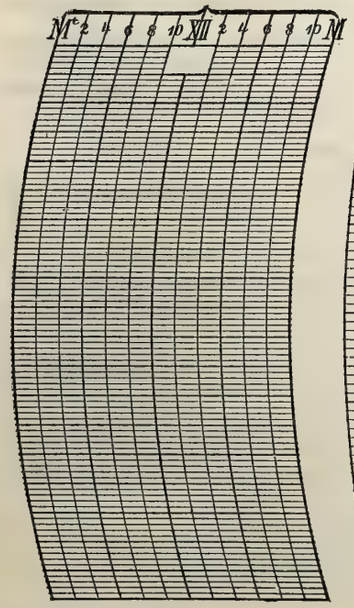
Maximum velocity, _____ Direction, _____ Time. _____

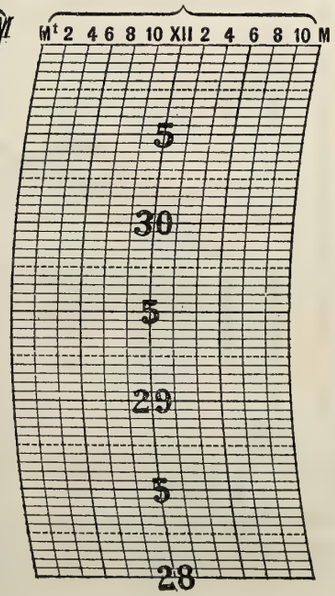
Relative humidity, _____ a. m. _____ p. m.

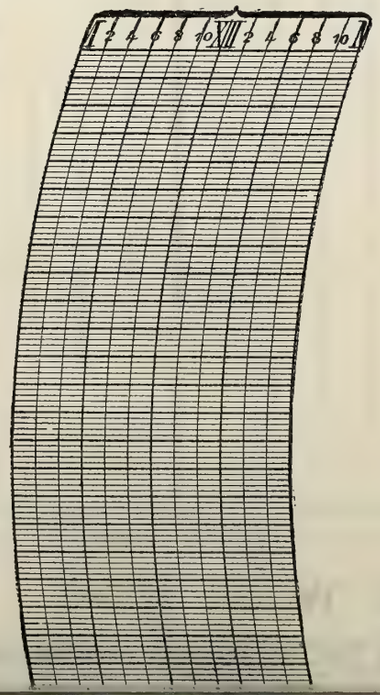
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

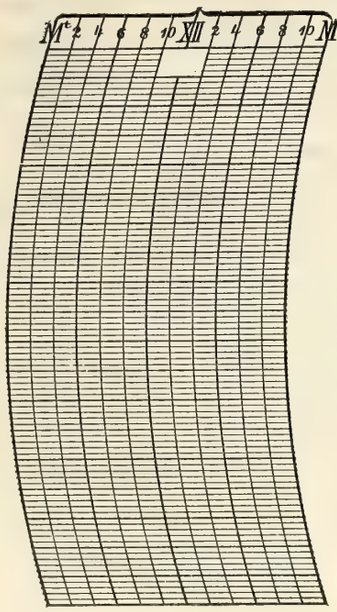
Maximum velocity, ____ Direction, ____ Time. ____

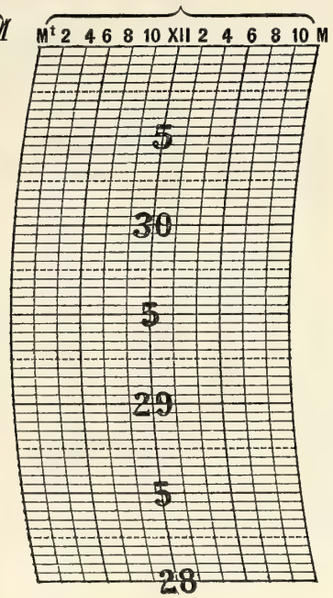
Relative humidity, ____ a. m. ____ p. m.

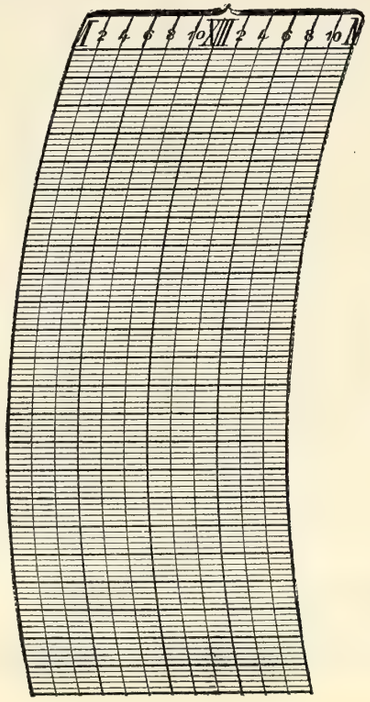
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

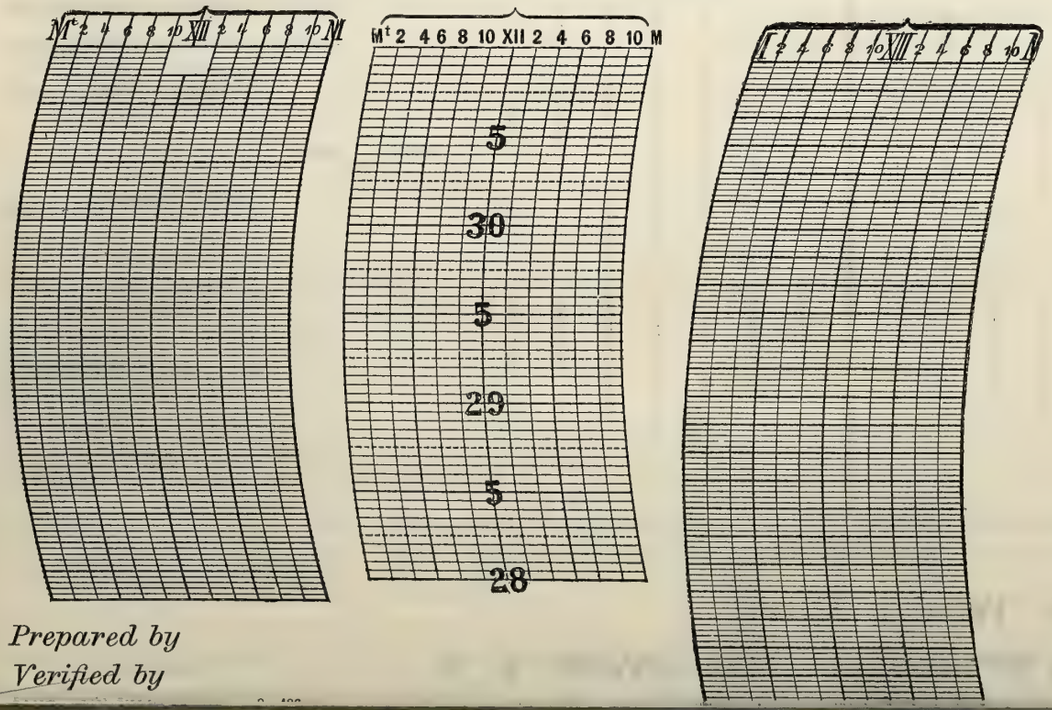
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

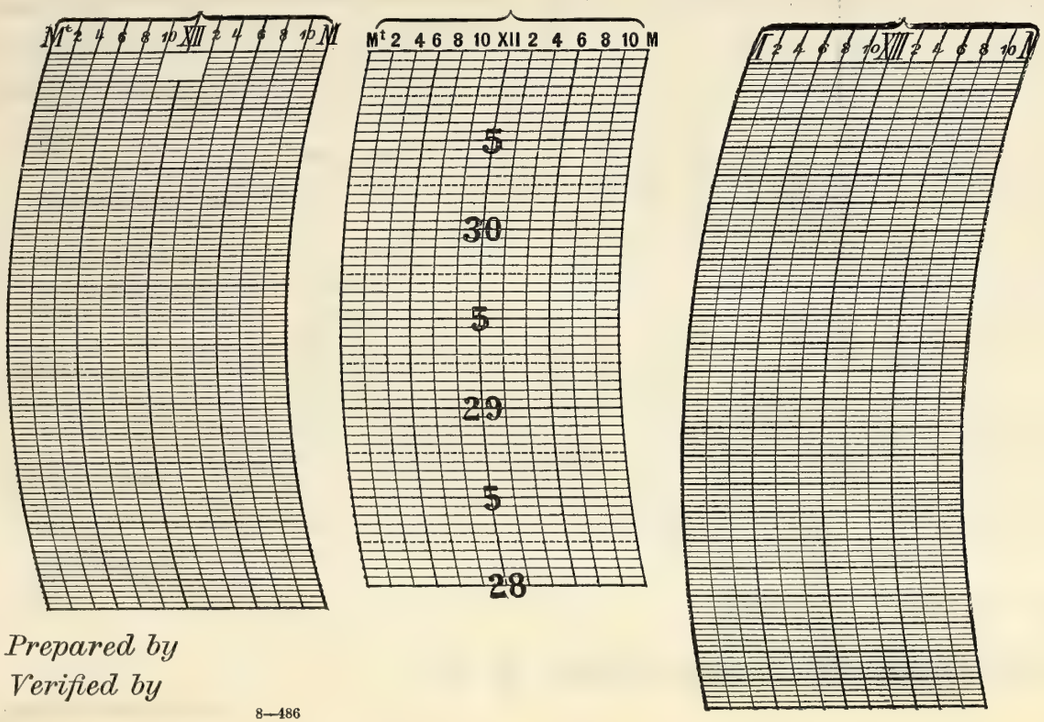
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

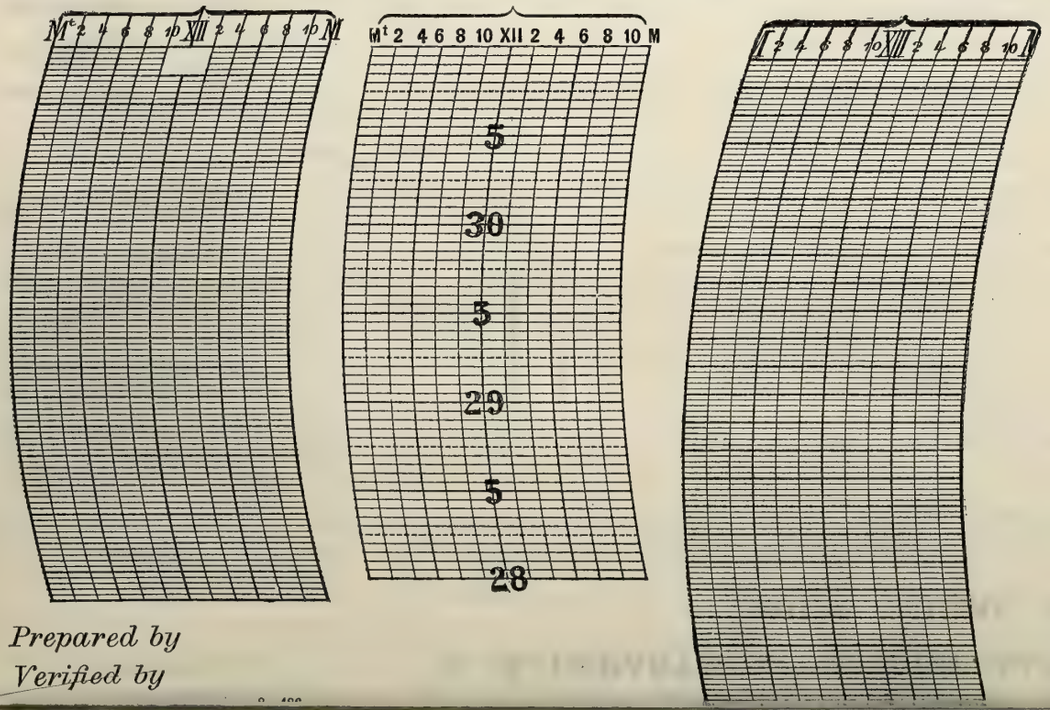
Maximum velocity,	Direction,	Time.

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

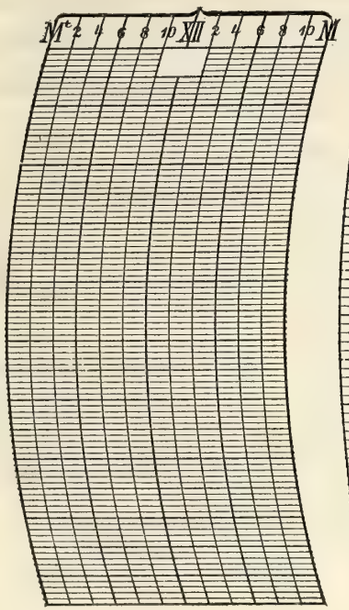
Maximum velocity, ____ Direction, ____ Time. ____

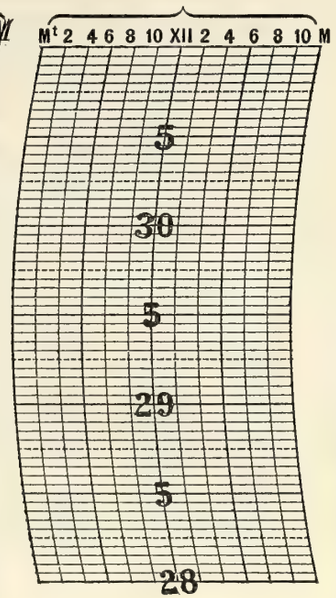
Relative humidity, ____ a. m. ____ p. m.

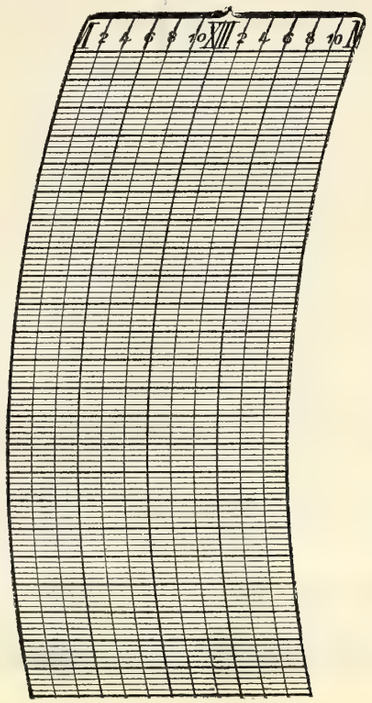
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

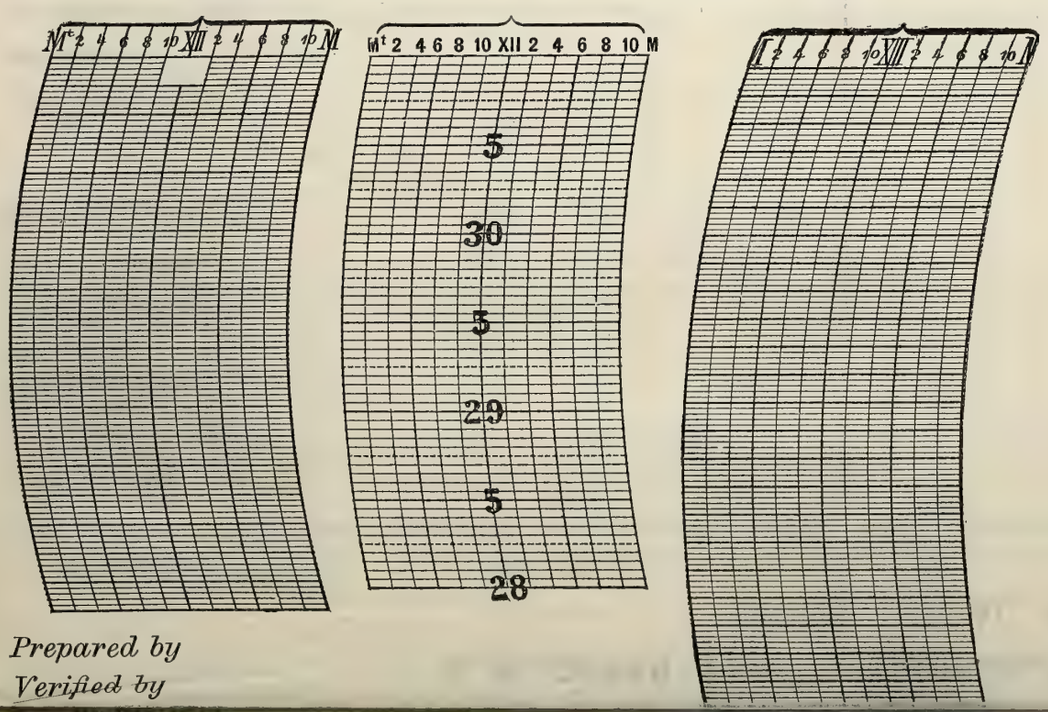
Maximum velocity,	Direction,	Time.

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

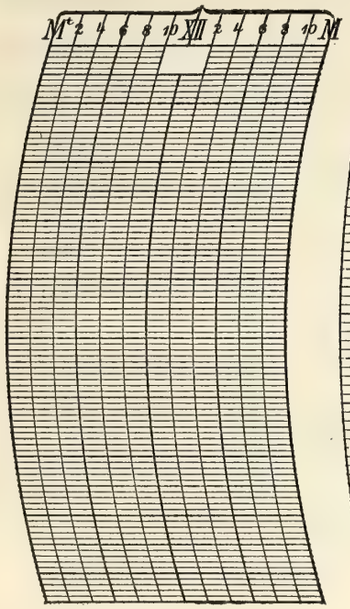
Maximum velocity, _____ Direction, _____ Time. _____

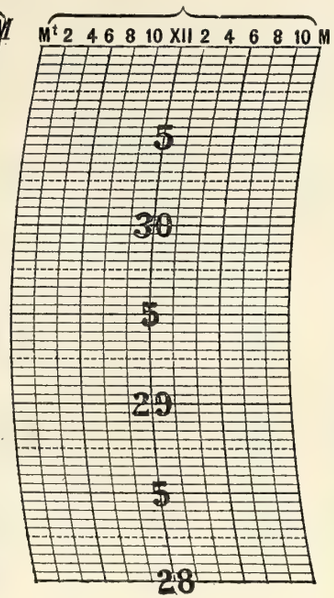
Relative humidity, _____ a. m. _____ p. m.

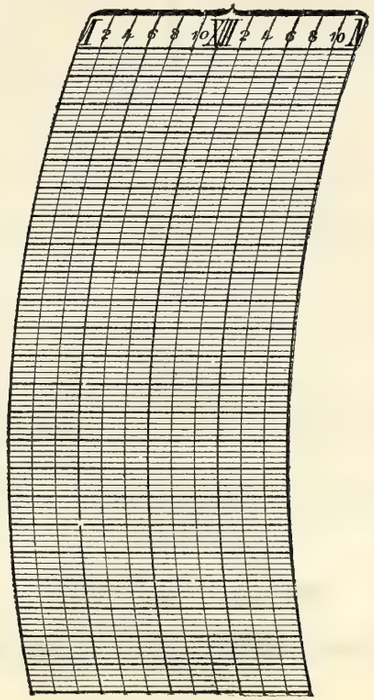
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

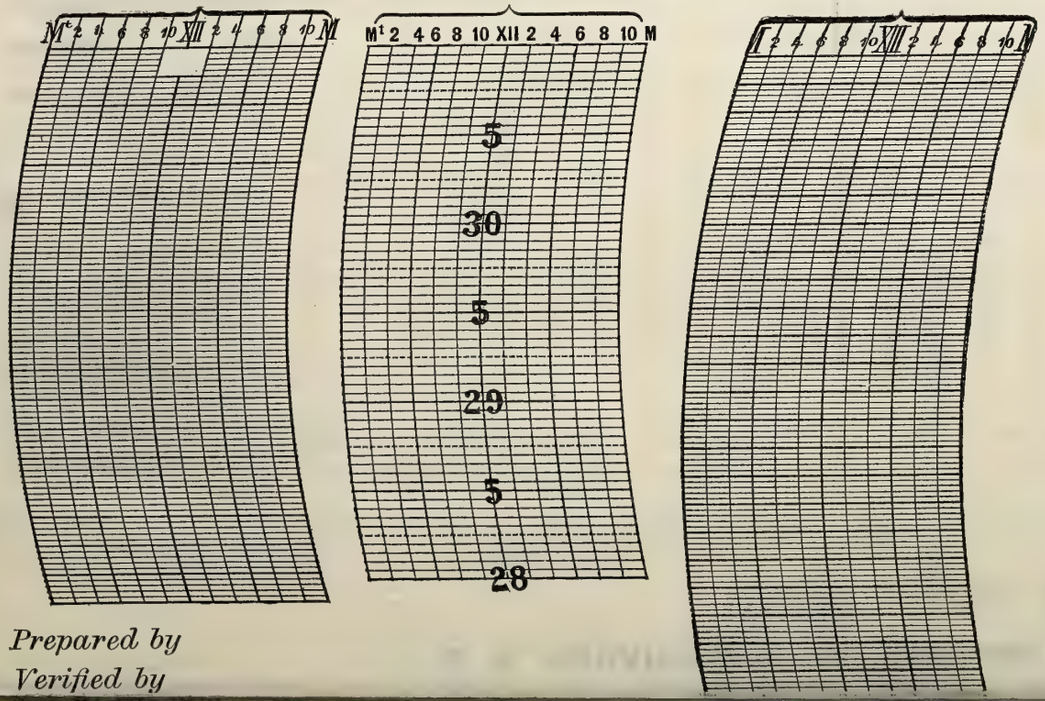
Maximum velocity,	Direction,	Time.
____	____	____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

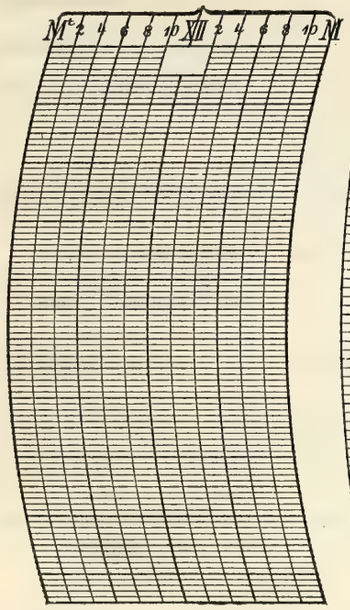
Maximum velocity, ____ Direction, ____ Time. ____

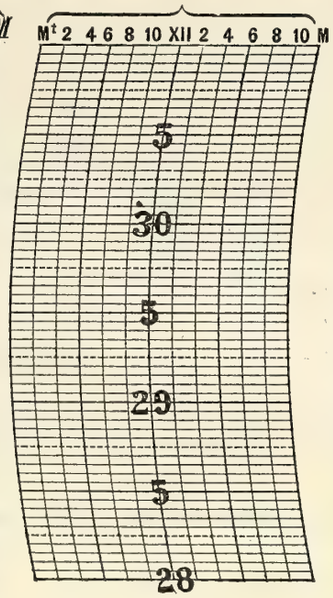
Relative humidity, ____ a. m. ____ p. m.

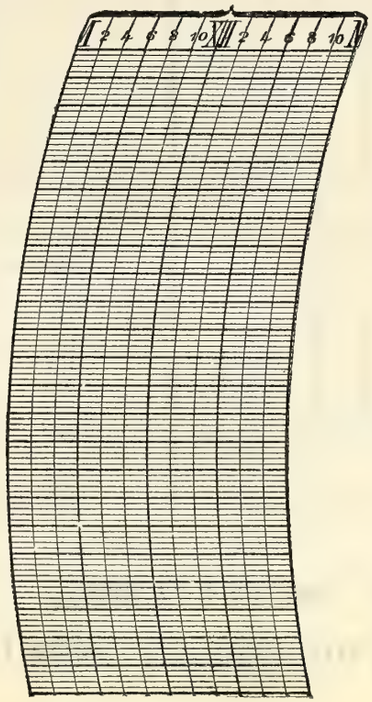
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

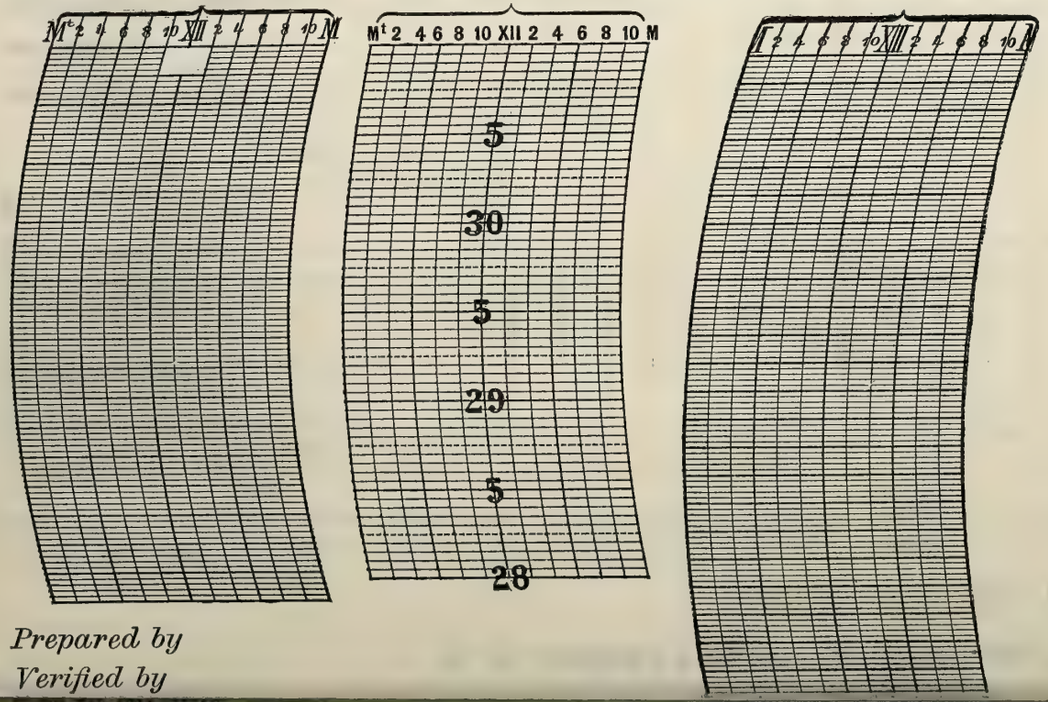
Maximum velocity,	Direction,	Time.

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

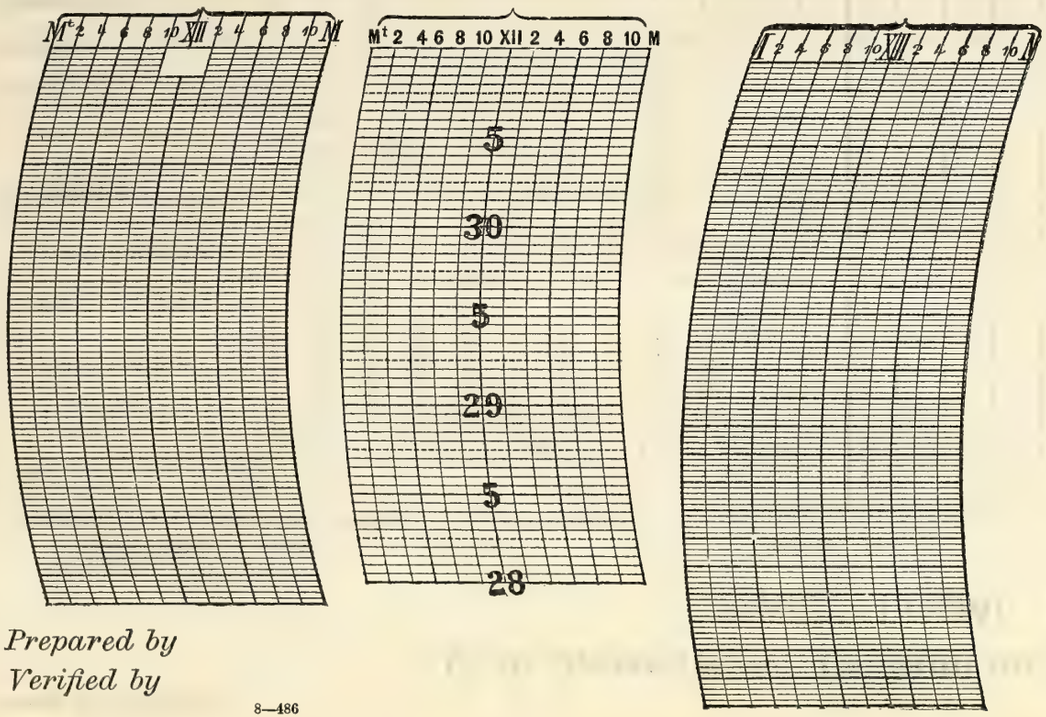
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

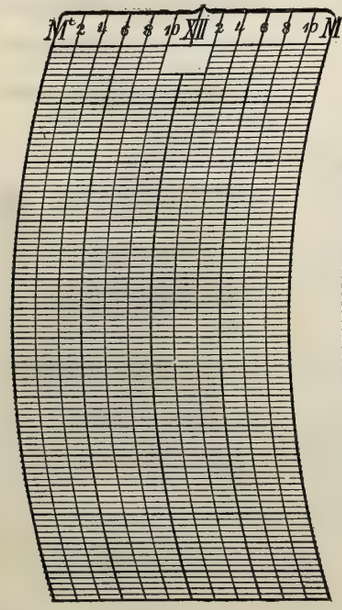
Maximum velocity,	Direction,	Time.

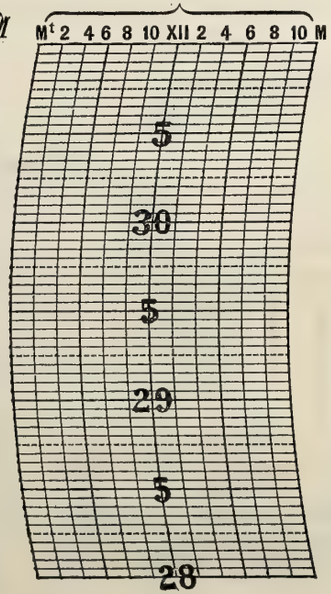
Relative humidity, ____ a. m. ____ p. m.

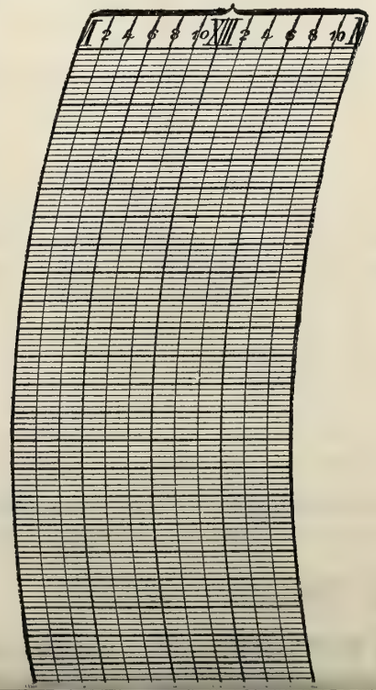
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

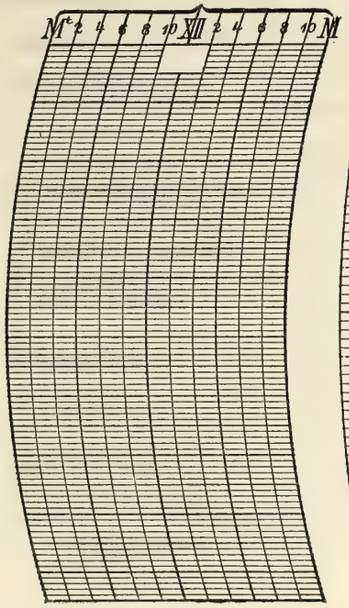
Maximum velocity, _____ Direction, _____ Time. _____

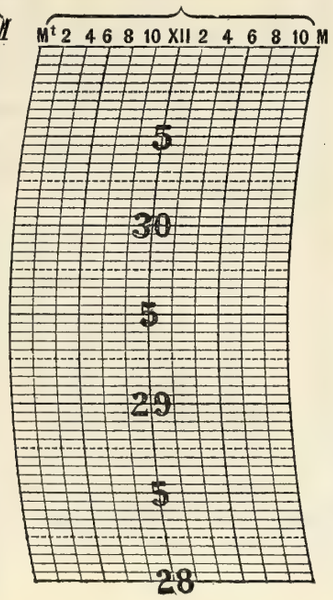
Relative humidity, _____ a. m. _____ p. m.

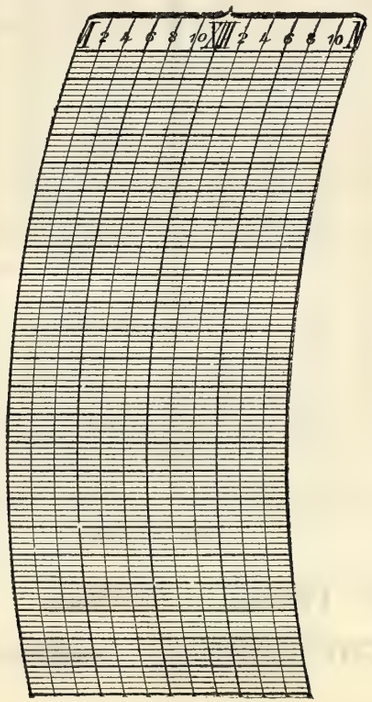
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

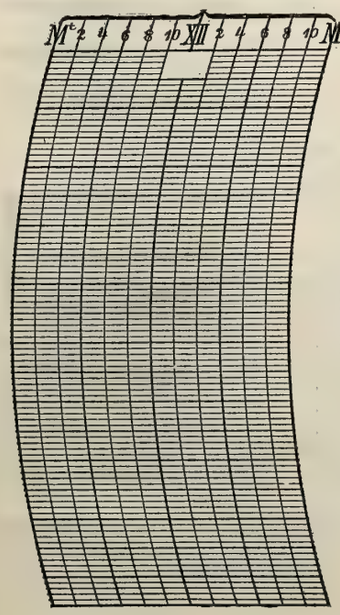
Maximum velocity, ____ Direction, ____ Time. ____

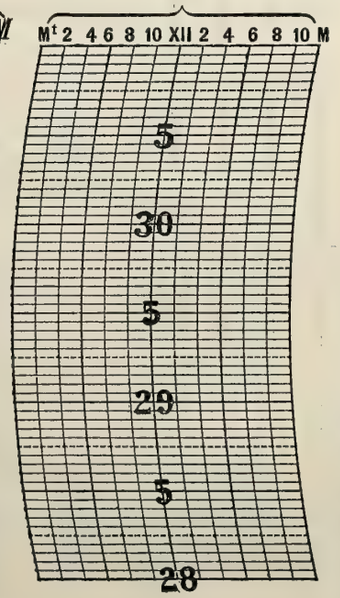
Relative humidity, ____ a. m. ____ p. m.

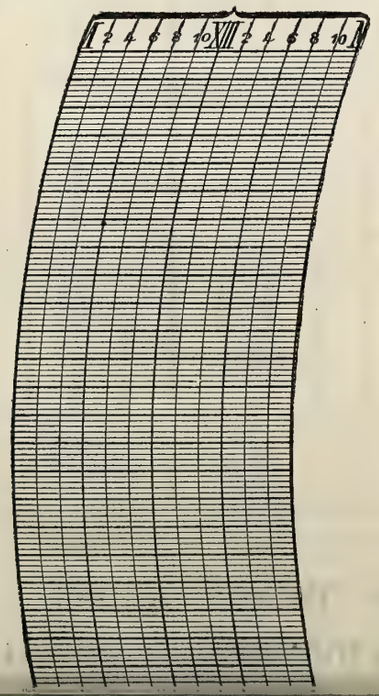
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

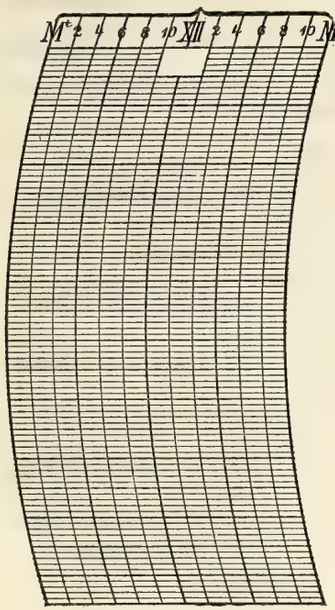
Maximum velocity, ____ Direction, ____ Time. ____

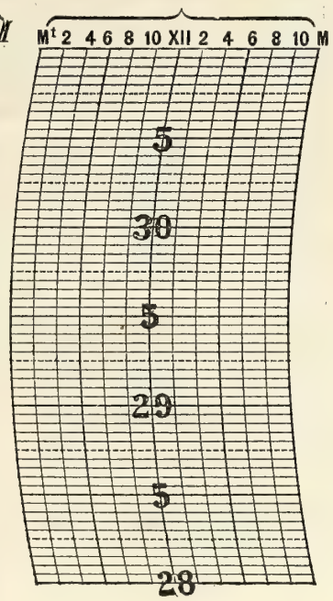
Relative humidity, ____ a. m. ____ p. m.

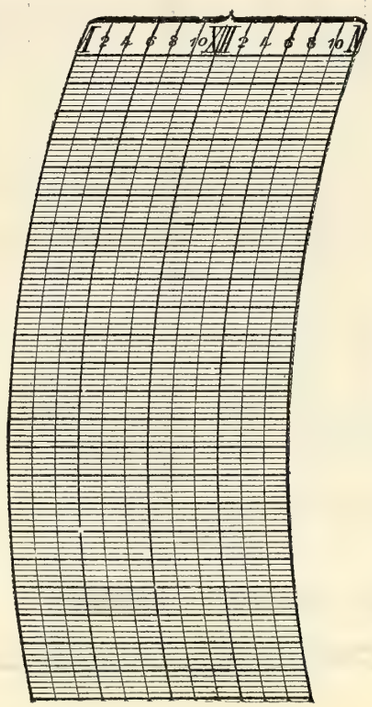
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

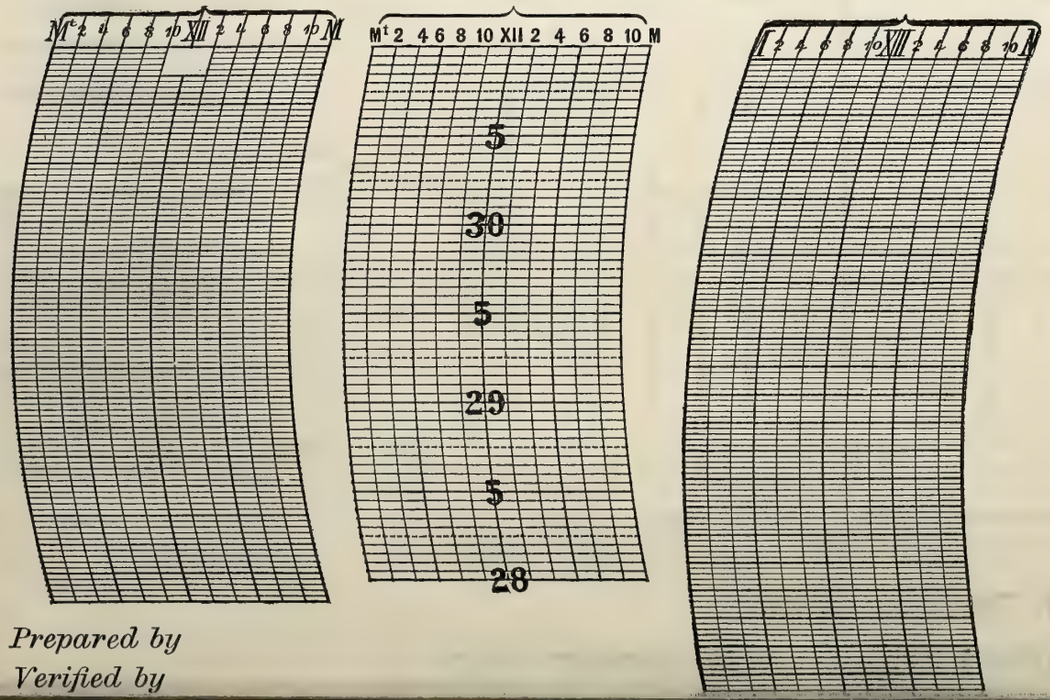
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

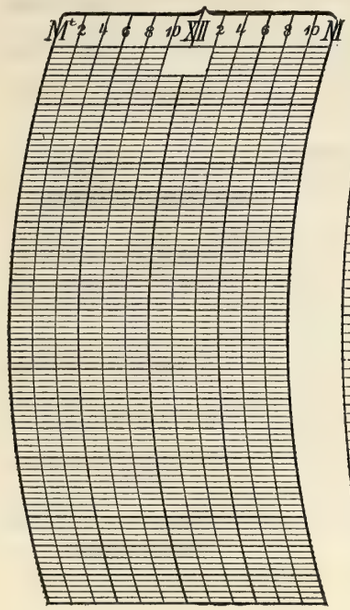
Maximum velocity, ____ Direction, ____ Time. ____

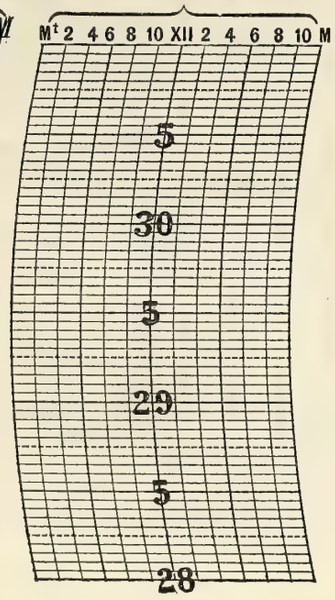
Relative humidity, ____ a. m. ____ p. m.

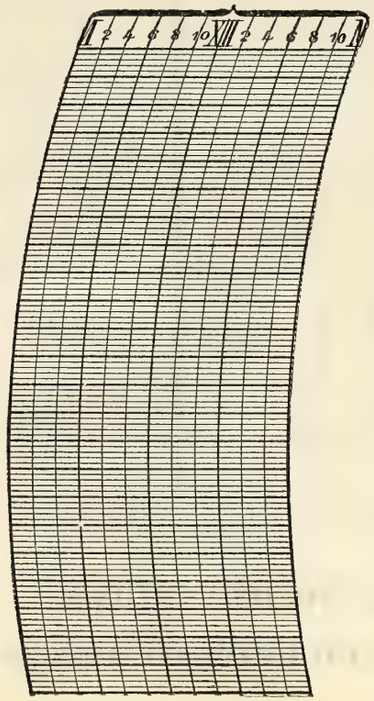
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

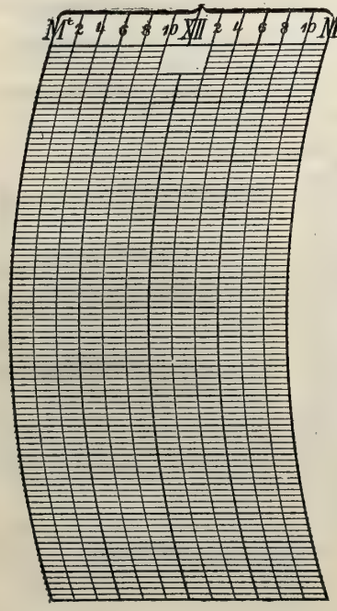
Maximum velocity,	Direction,	Time.

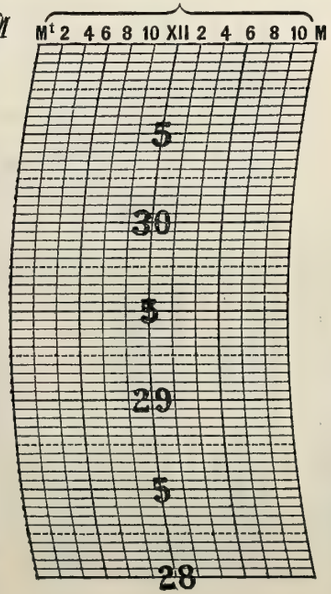
Relative humidity, ____ a. m. ____ p. m.

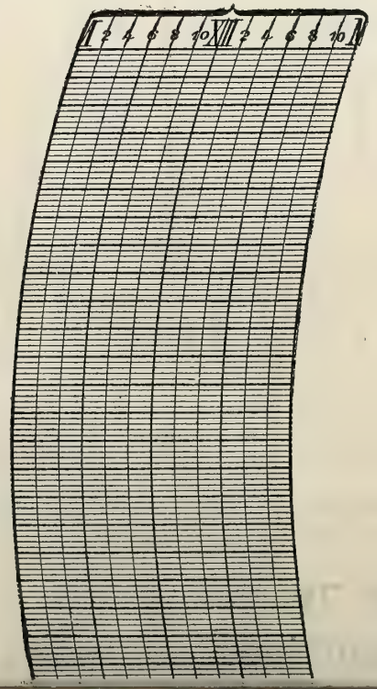
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

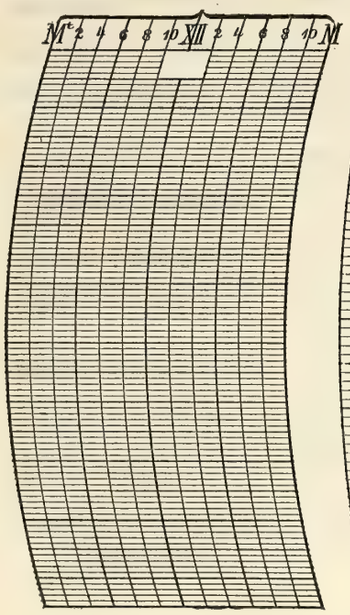
Maximum velocity, _____ Direction, _____ Time. _____

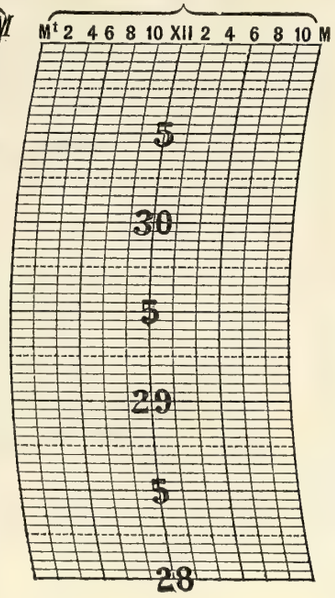
Relative humidity, _____ a. m. _____ p. m.

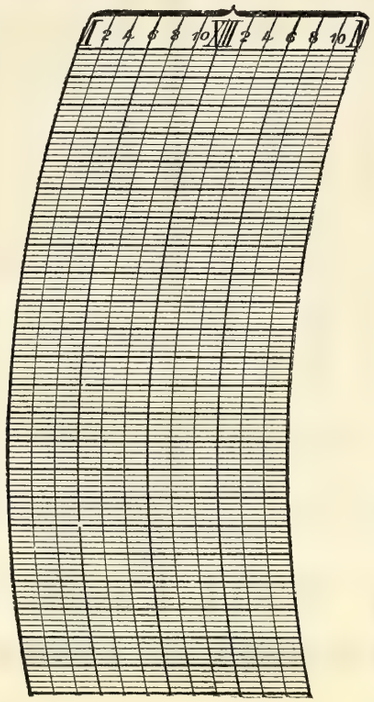
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

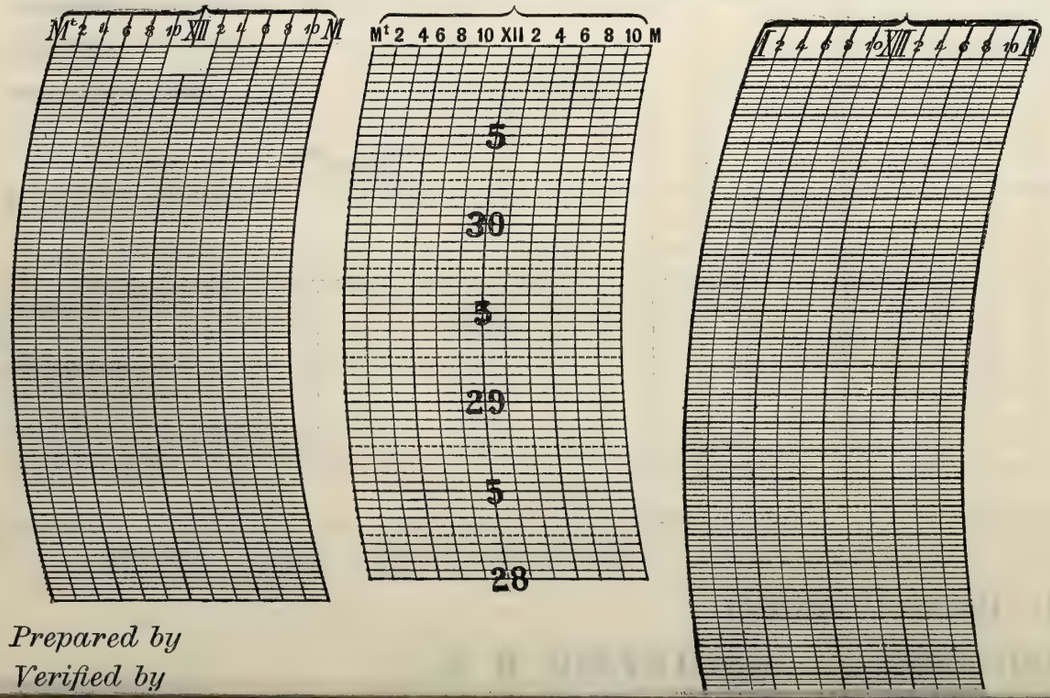
Maximum velocity,	Direction,	Time.

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

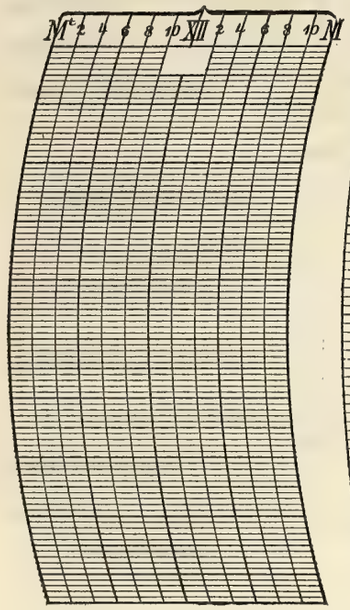
Maximum velocity, _____ Direction, _____ Time. _____

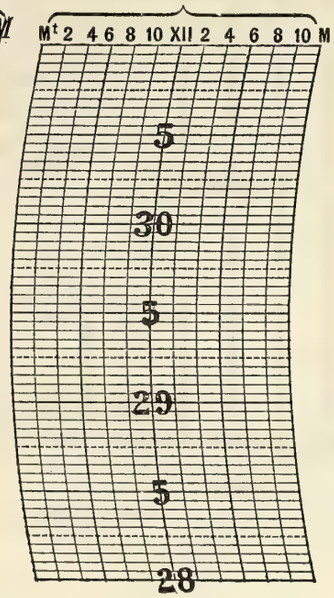
Relative humidity, _____ a. m. _____ p. m.

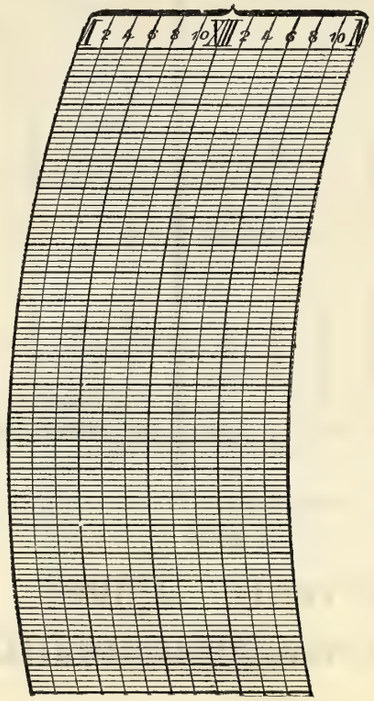
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

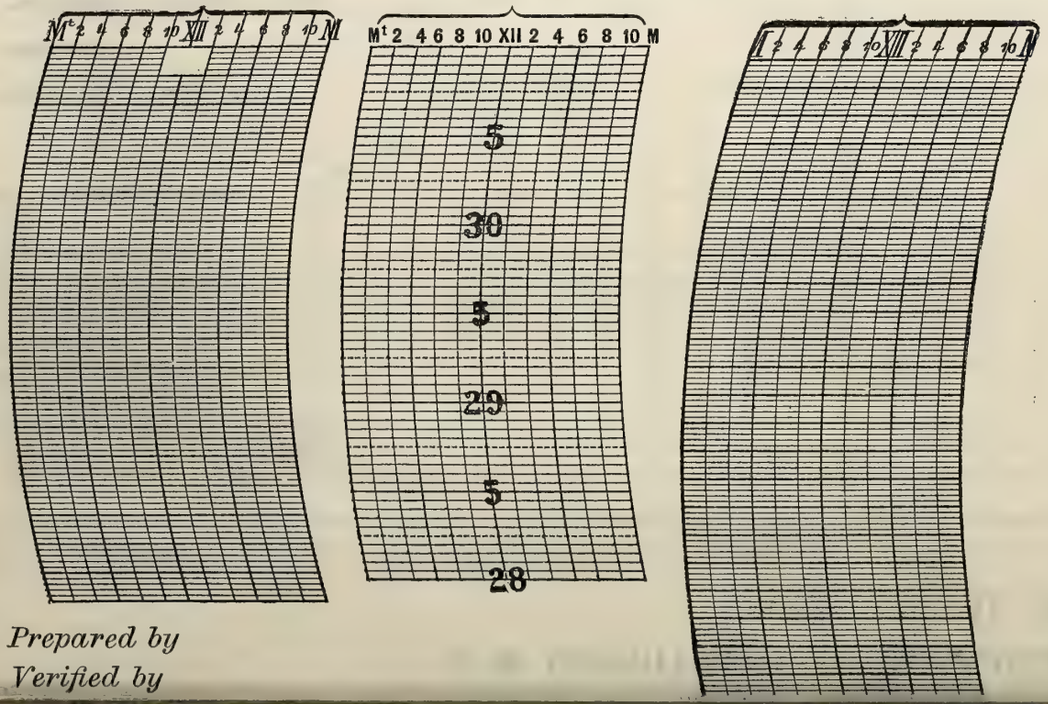
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

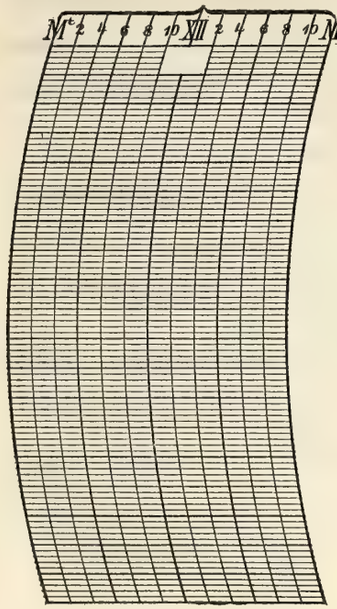
Maximum velocity, _____ Direction, _____ Time. _____

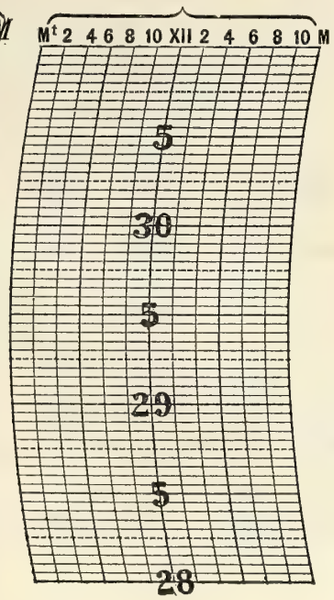
Relative humidity, _____ a. m. _____ p. m.

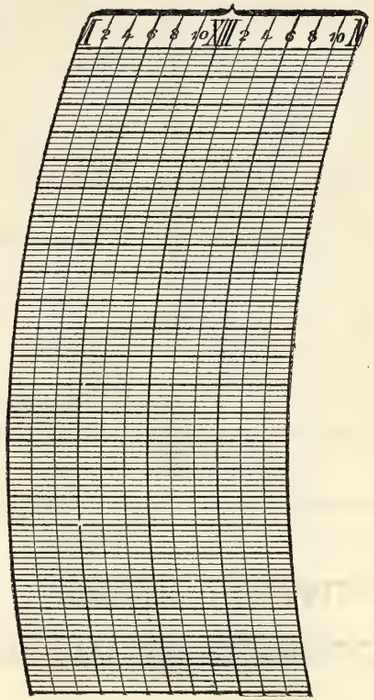
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

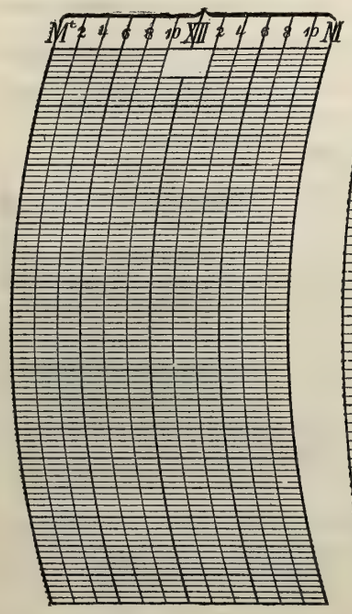
Maximum velocity, ____ Direction, ____ Time. ____

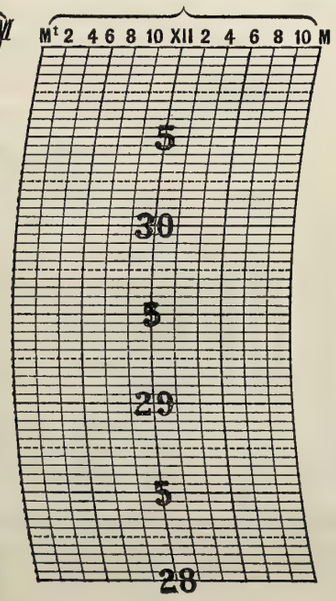
Relative humidity, ____ a. m. ____ p. m.

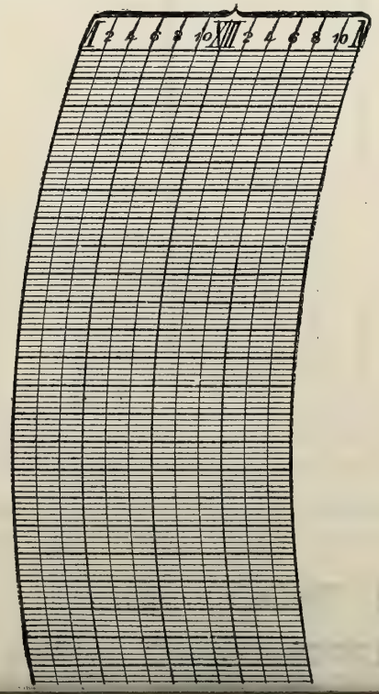
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

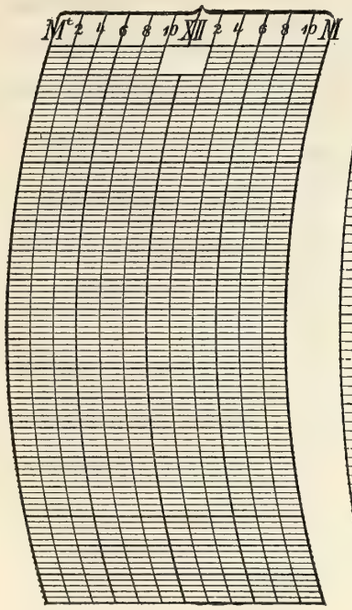
Maximum velocity, _____ Direction, _____ Time. _____

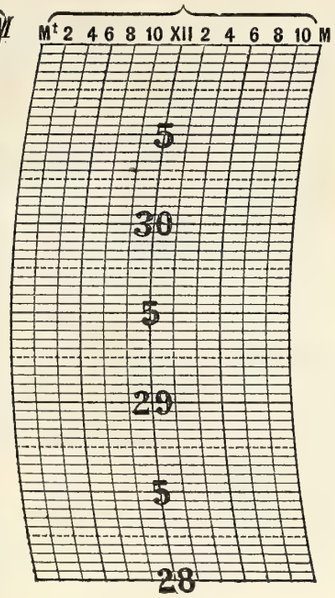
Relative humidity, _____ a. m. _____ p. m.

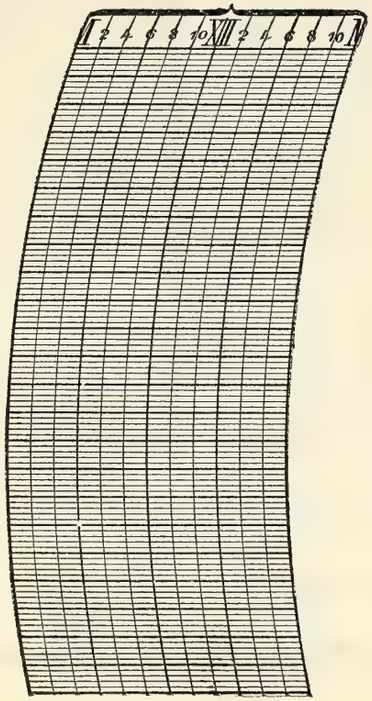
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

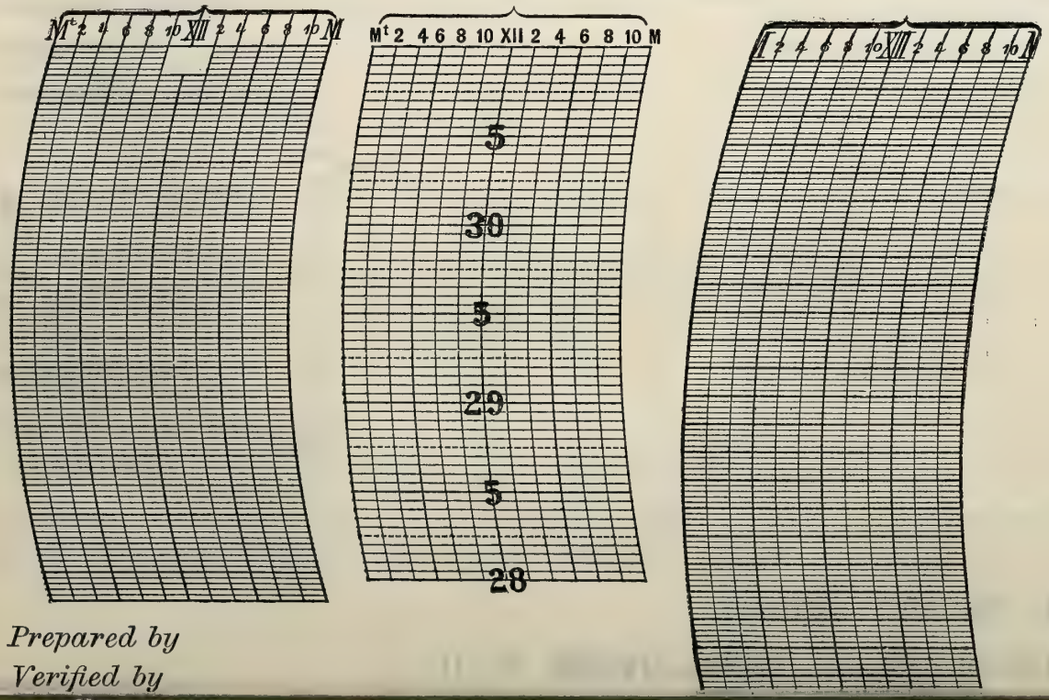
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time, ____ Character, ____																					Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

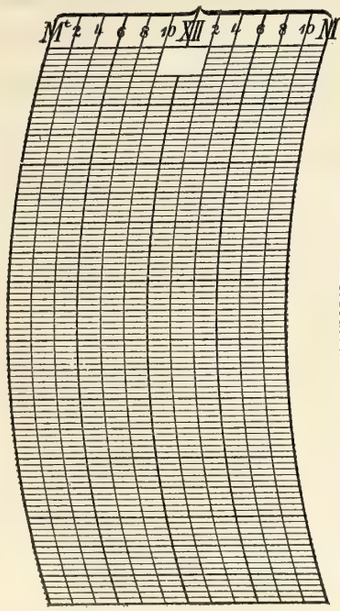
Maximum velocity, ____ Direction, ____ Time. ____

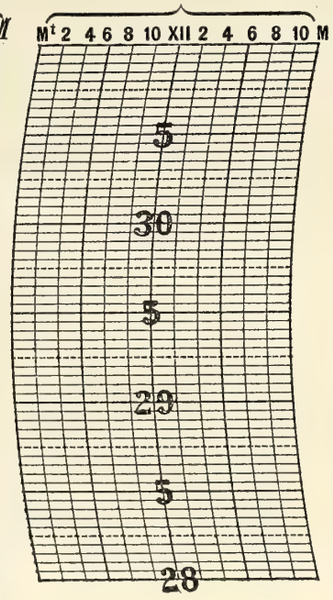
Relative humidity, ____ a. m. ____ p. m.

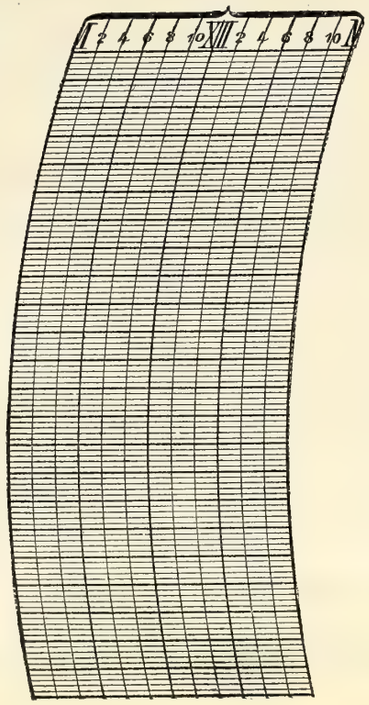
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

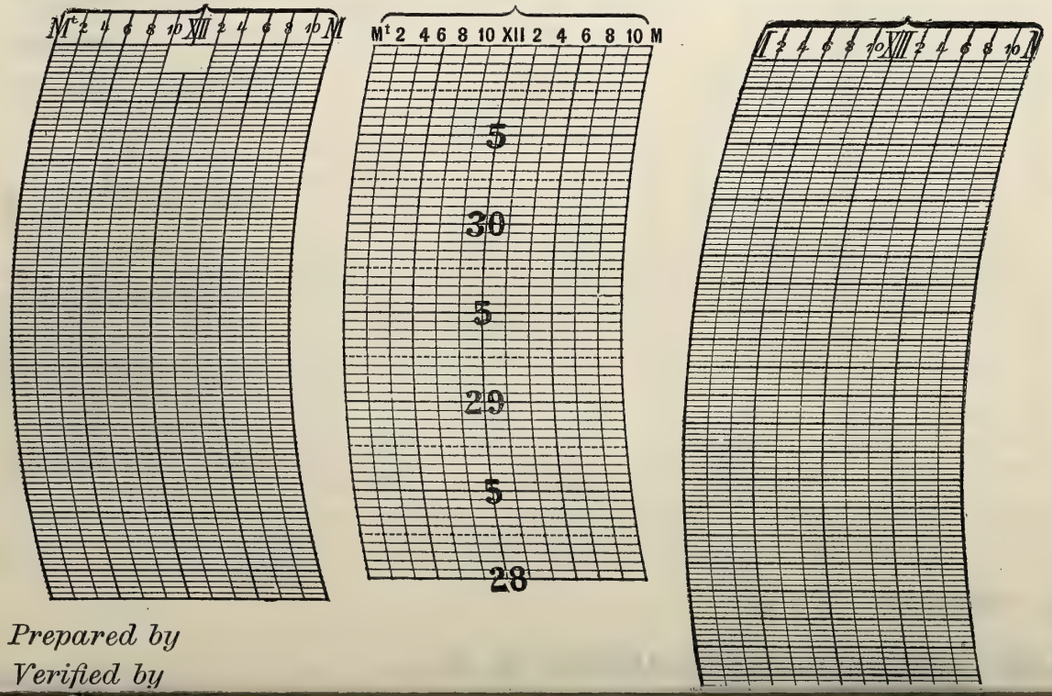
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

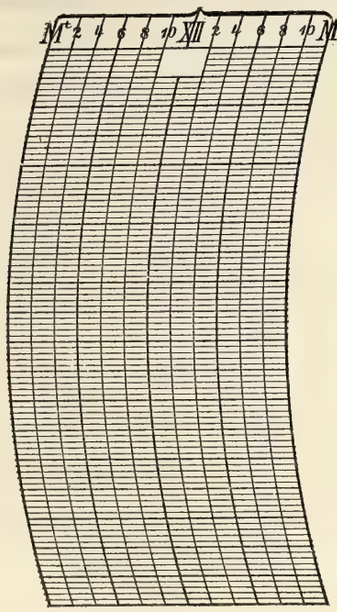
Maximum velocity, ____ Direction, ____ Time. ____

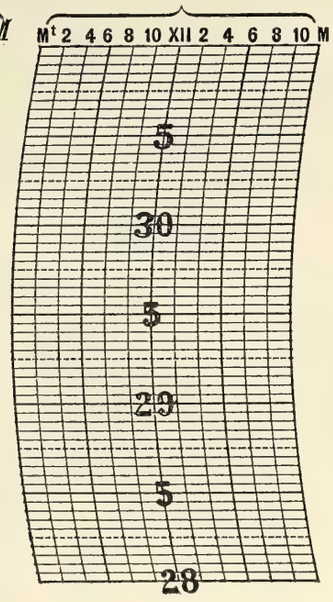
Relative humidity, ____ a. m. ____ p. m.

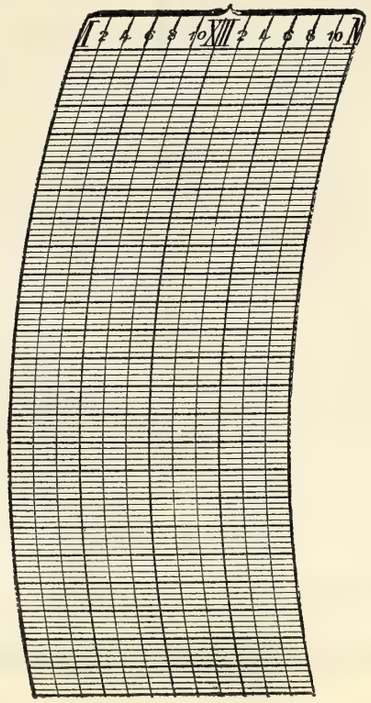
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

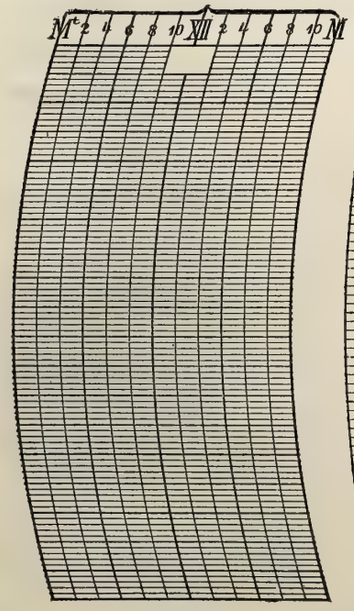
Maximum velocity, ____ Direction, ____ Time. ____

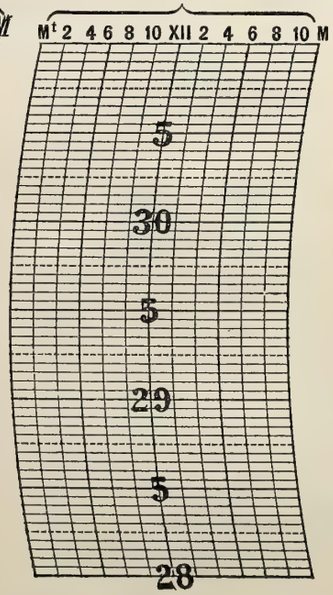
Relative humidity, ____ a. m. ____ p. m.

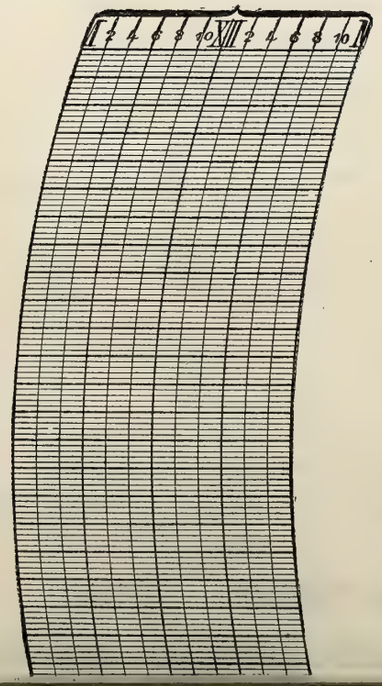
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

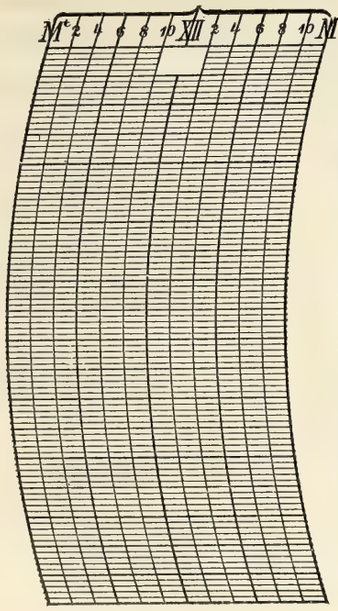
Maximum velocity, ____ Direction, ____ Time. ____

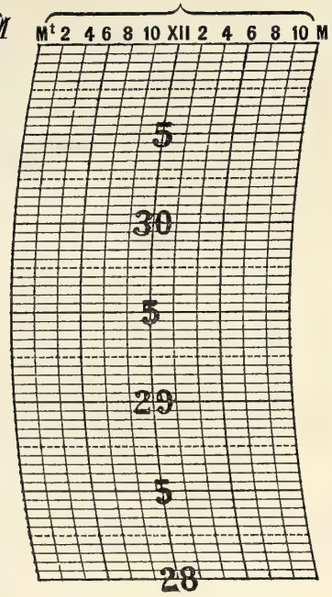
Relative humidity, ____ a. m. ____ p. m.

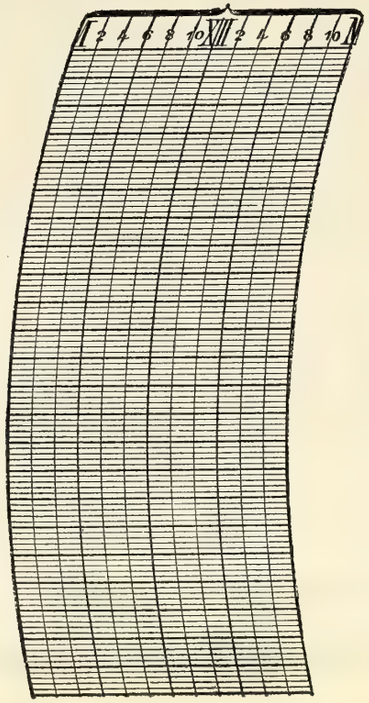
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

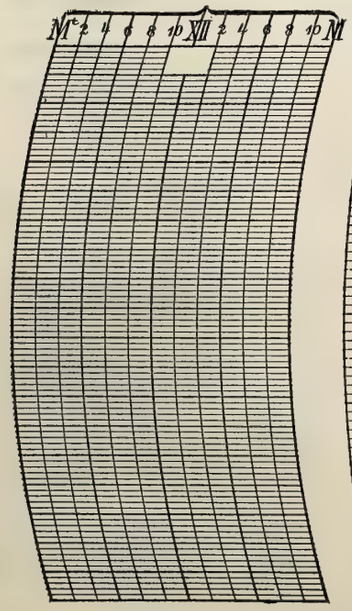
Maximum velocity,	Direction,	Time.
_____	_____	_____

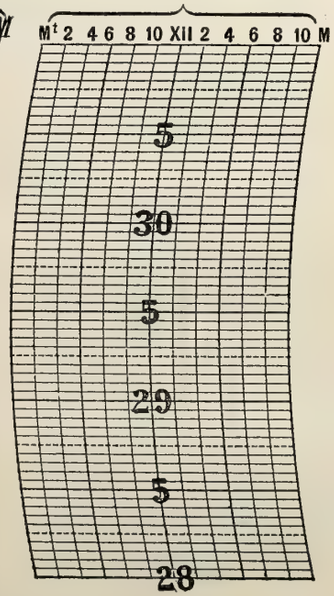
Relative humidity, _____ a. m. _____ p. m.

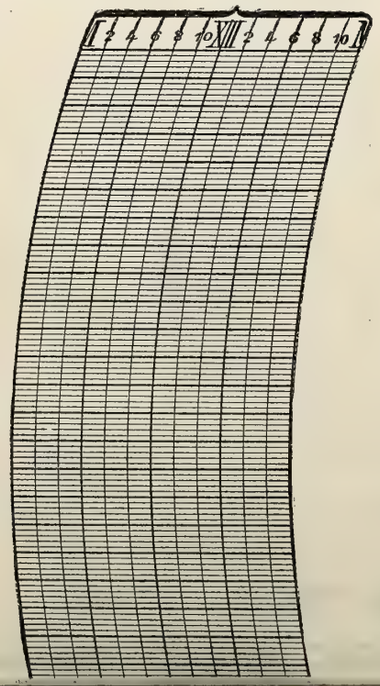
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

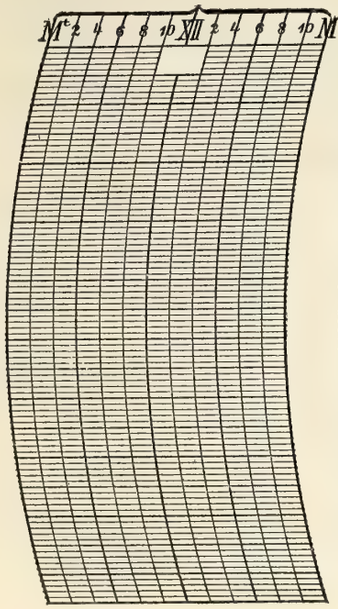
Maximum velocity, ____ Direction, ____ Time. ____

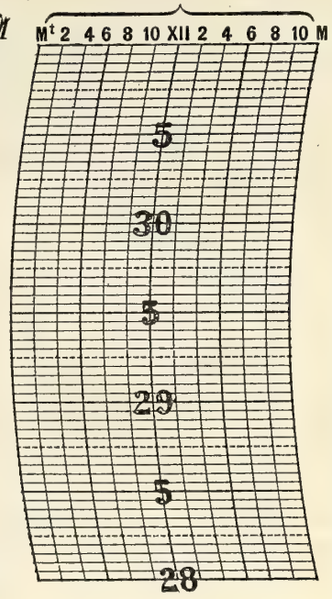
Relative humidity, ____ a. m. ____ p. m.

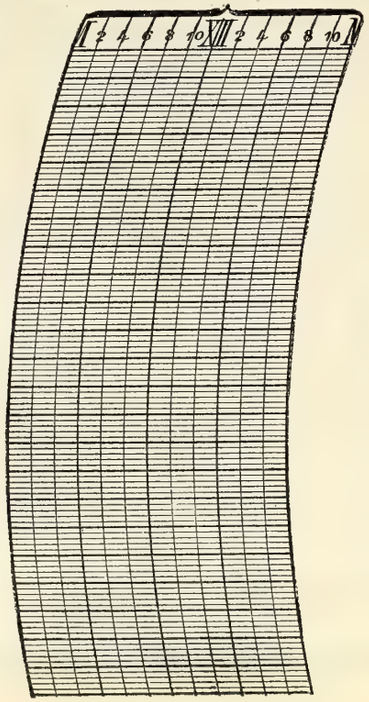
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

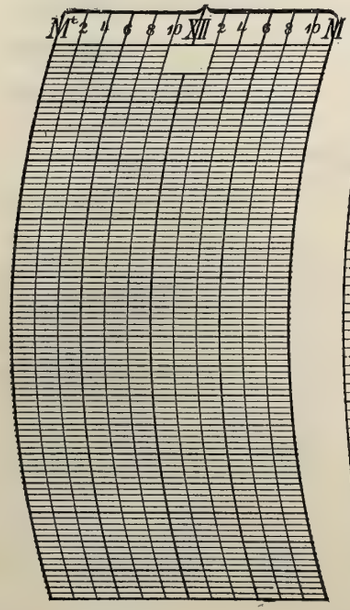
Maximum velocity, ____ Direction, ____ Time. ____

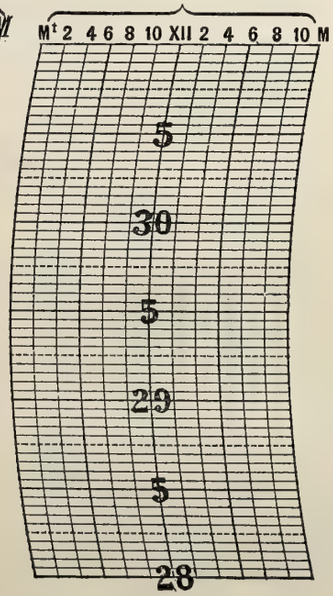
Relative humidity, ____ a. m. ____ p. m.

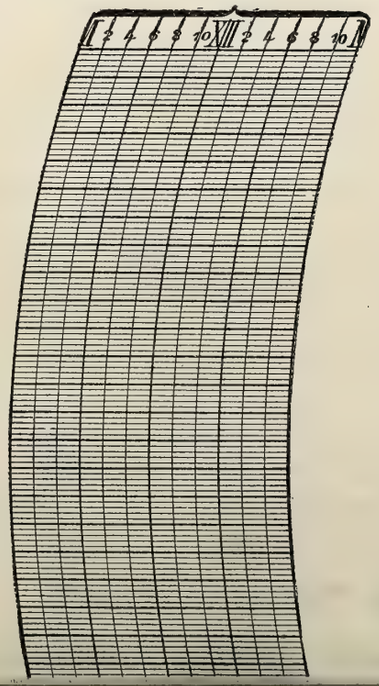
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

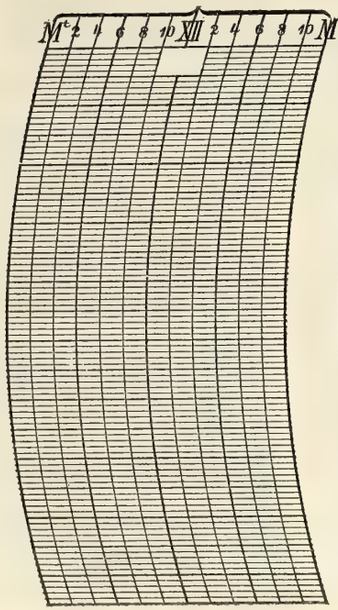
Maximum velocity, ____ Direction, ____ Time. ____

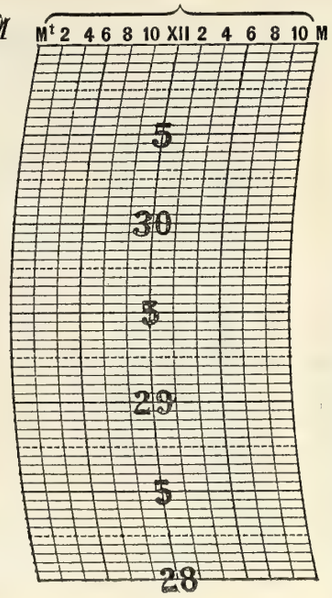
Relative humidity, ____ a. m. ____ p. m.

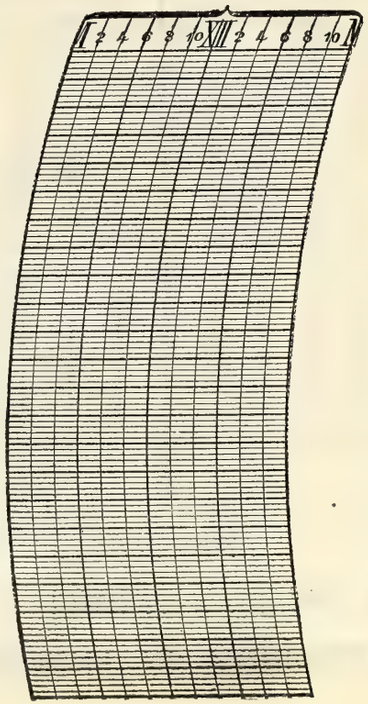
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

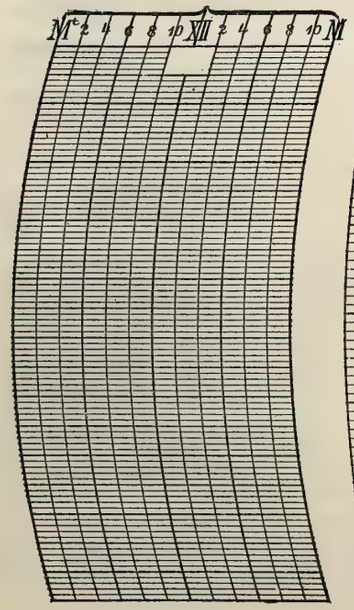
Maximum velocity, _____ Direction, _____ Time. _____

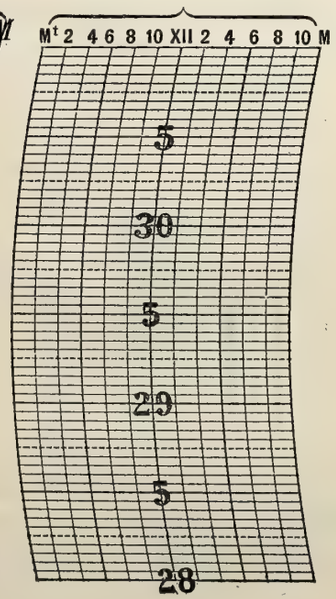
Relative humidity, _____ a. m. _____ p. m.

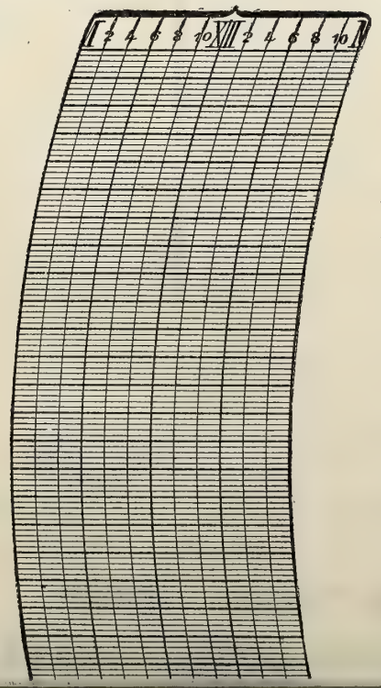
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, 191

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

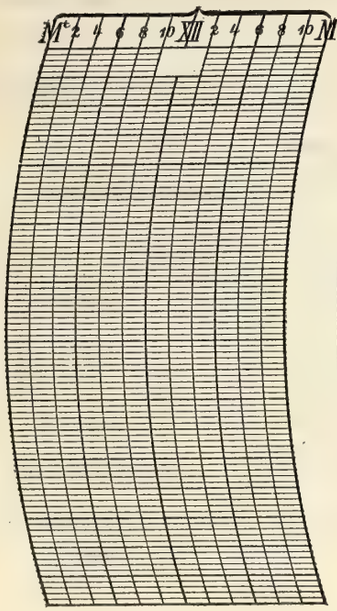
Maximum velocity, ____ Direction, ____ Time. ____

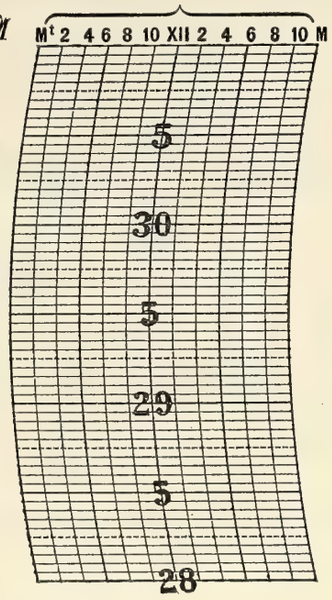
Relative humidity, ____ a. m. ____ p. m.

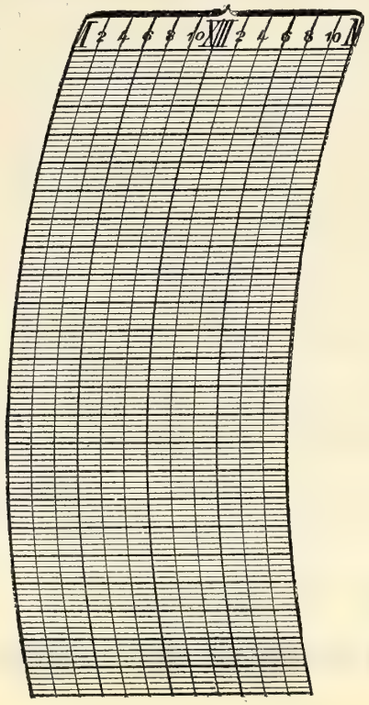
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

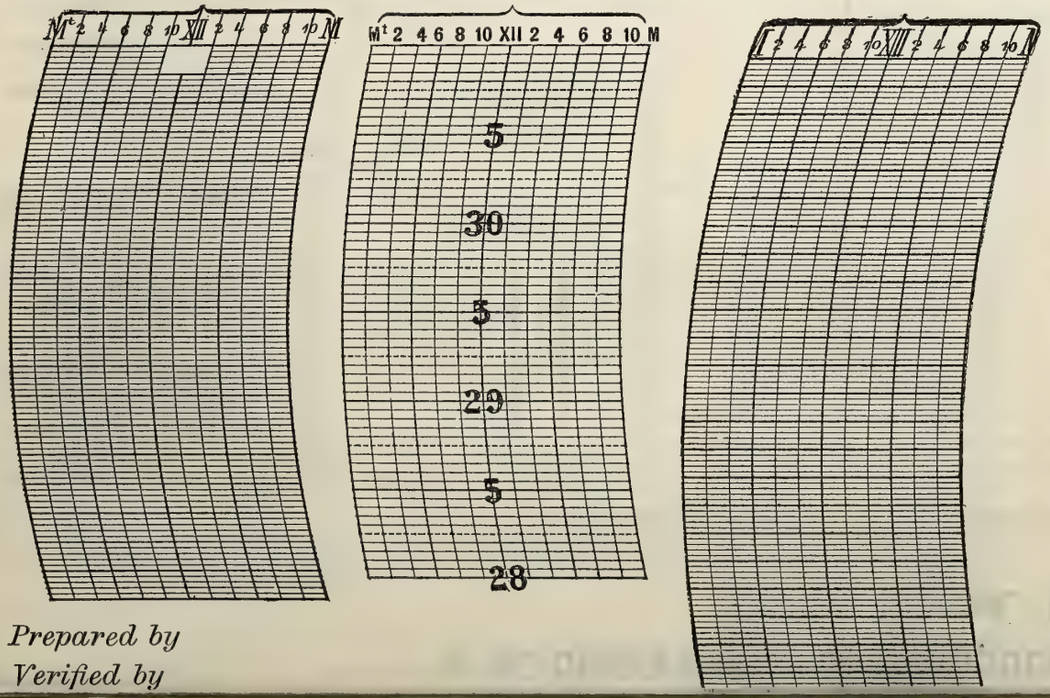
Maximum velocity,	Direction,	Time.
_____	_____	_____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

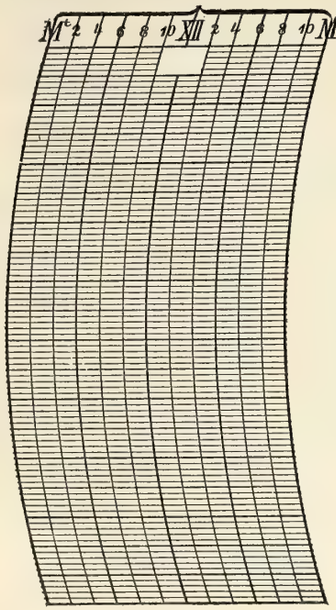
Maximum velocity, _____ Direction, _____ Time. _____

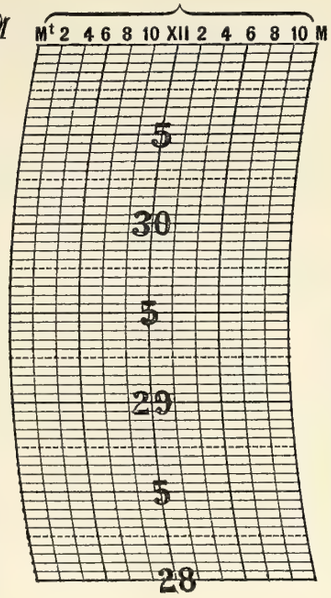
Relative humidity, _____ a. m. _____ p. m.

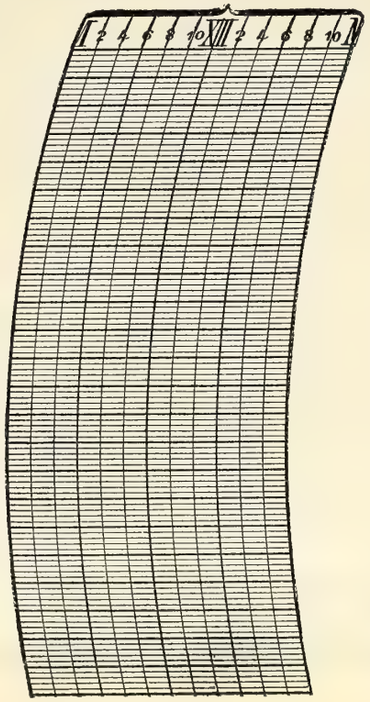
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

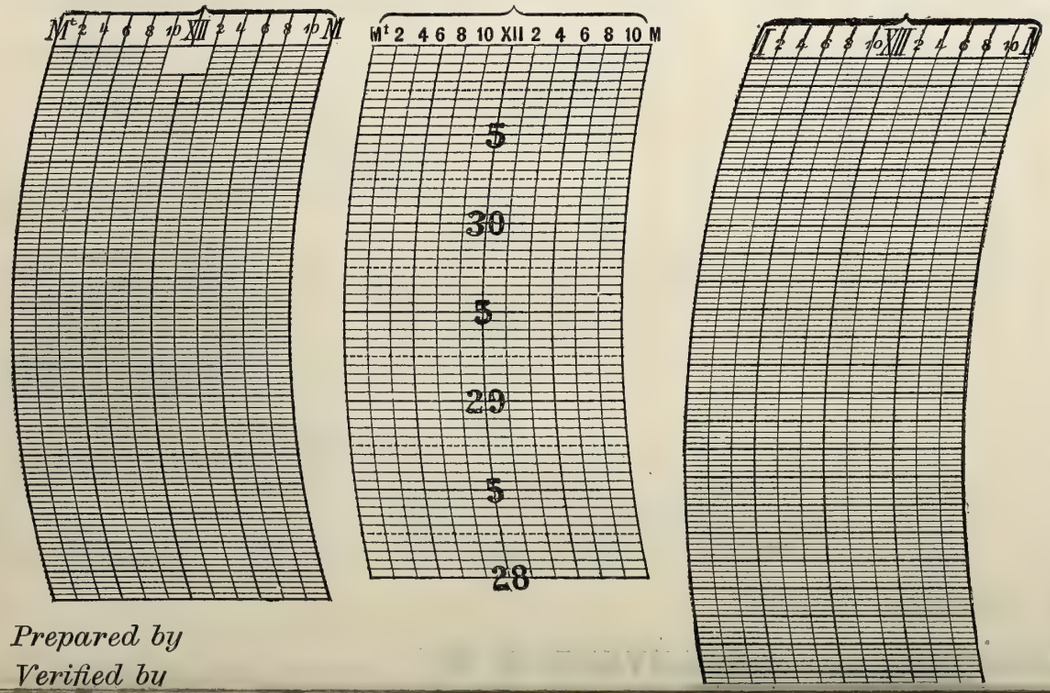
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

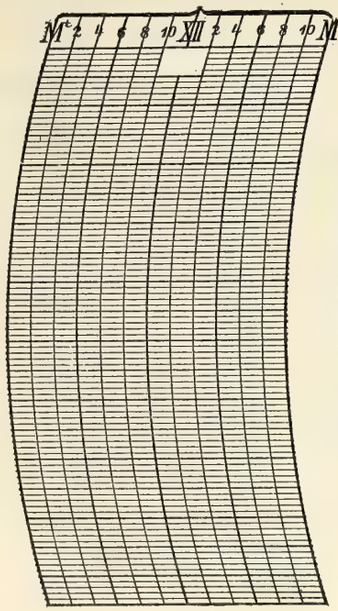
Maximum velocity, _____ Direction, _____ Time. _____

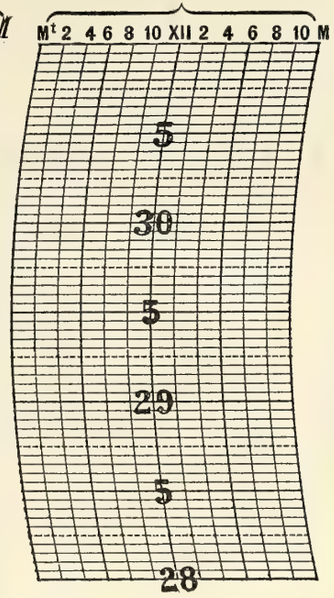
Relative humidity, _____ a. m. _____ p. m.

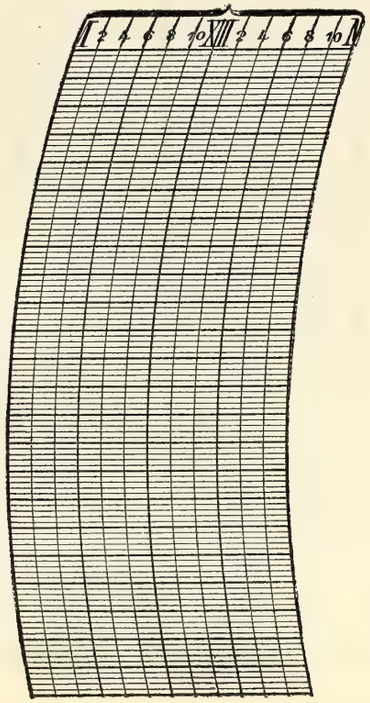
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

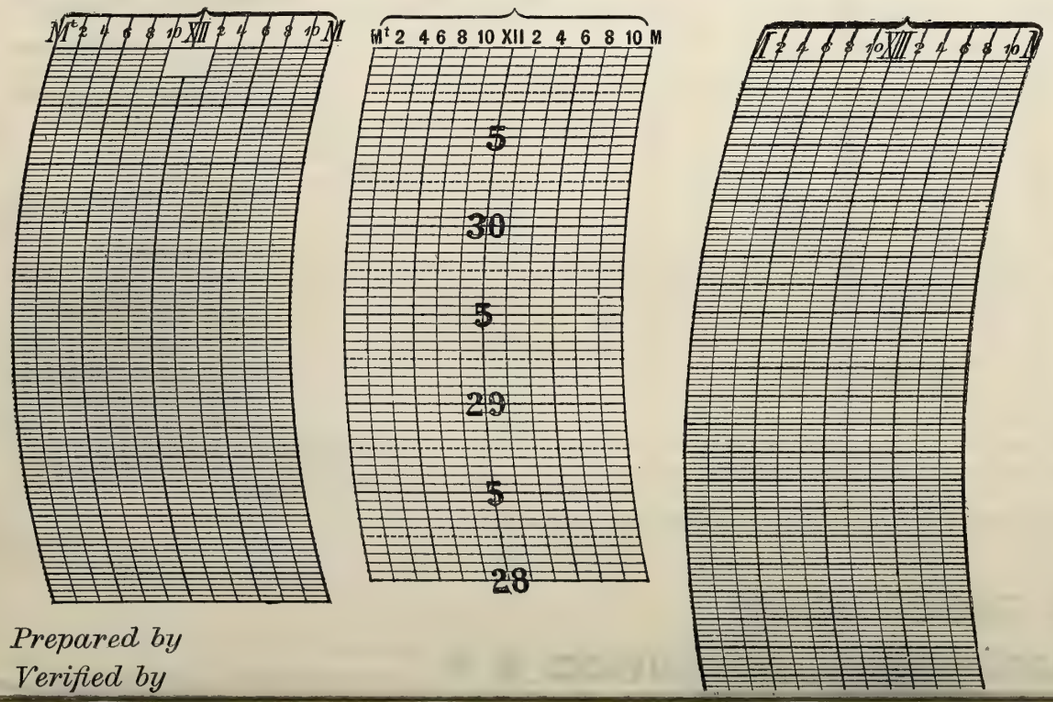
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

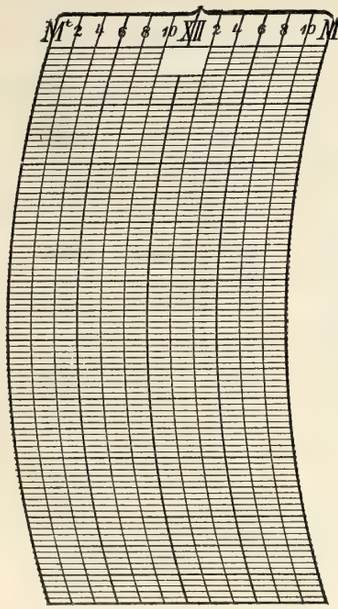
Maximum velocity, ____ Direction, ____ Time. ____

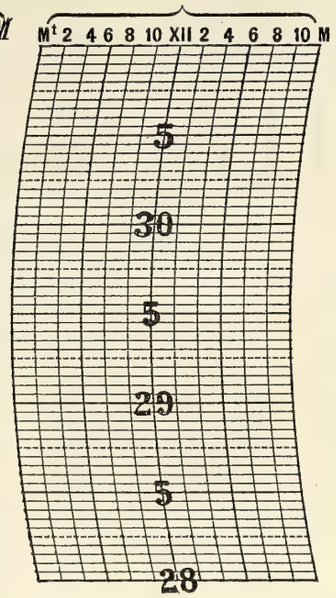
Relative humidity, ____ a. m. ____ p. m.

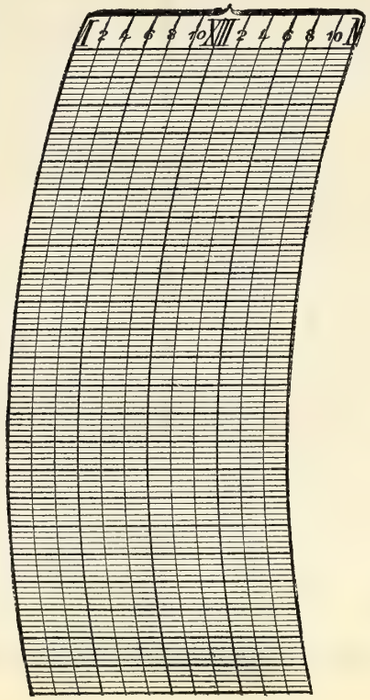
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

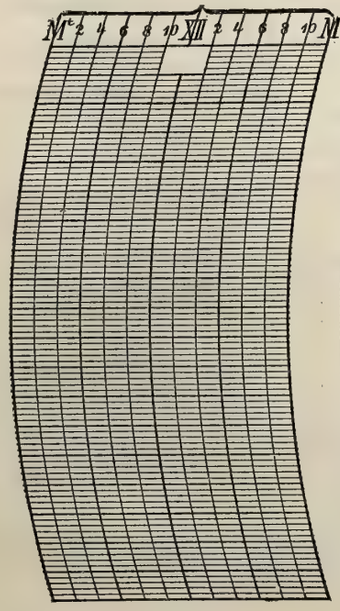
Maximum velocity,	Direction,	Time.

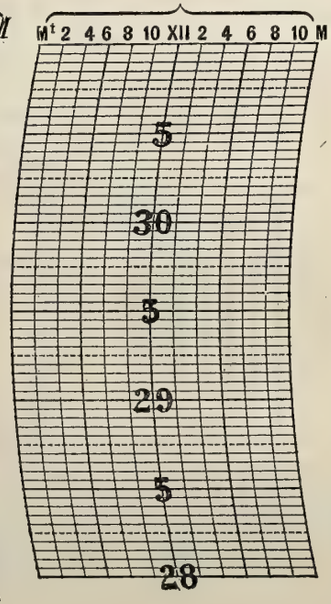
Relative humidity, _____ a. m. _____ p. m.

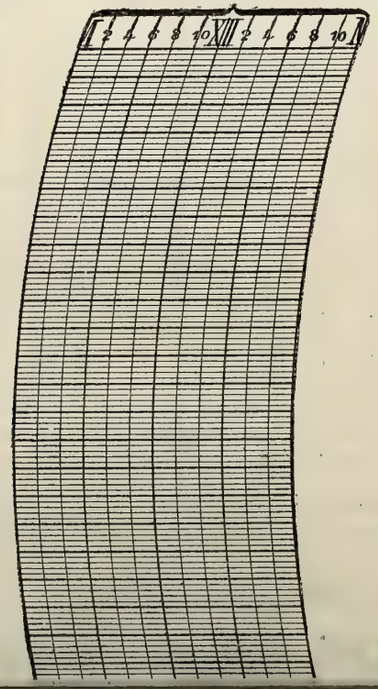
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by _____

Verified by _____

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

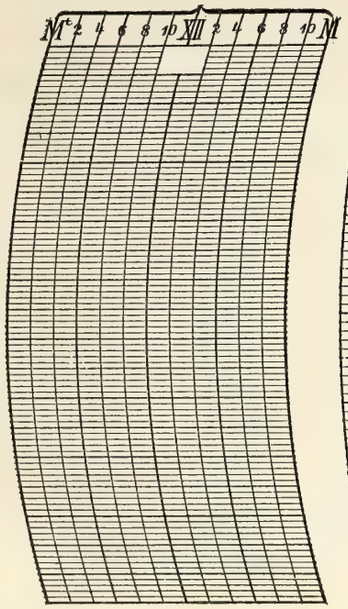
Maximum velocity, ____ Direction, ____ Time. ____

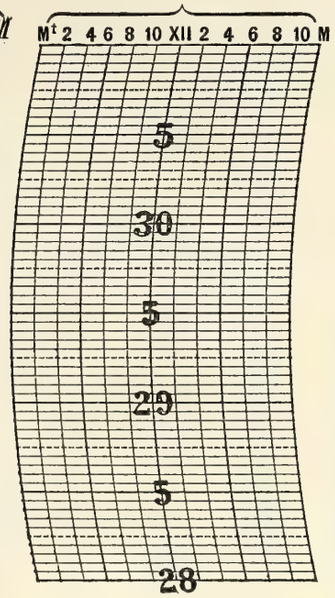
Relative humidity, ____ a. m. ____ p. m.

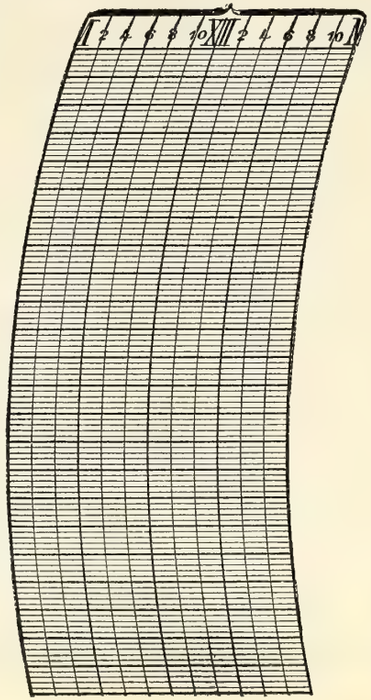
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

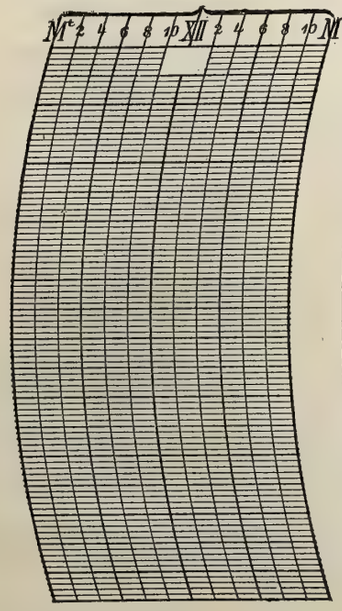
Maximum velocity, ____ Direction, ____ Time. ____

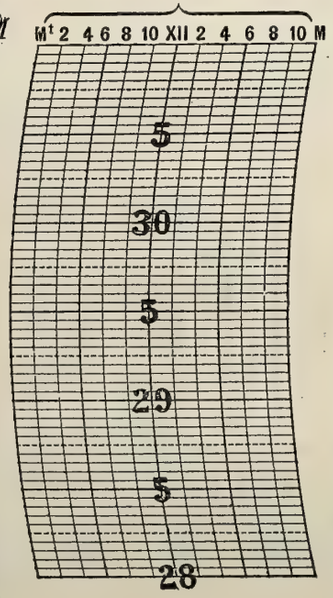
Relative humidity, ____ a. m. ____ p. m.

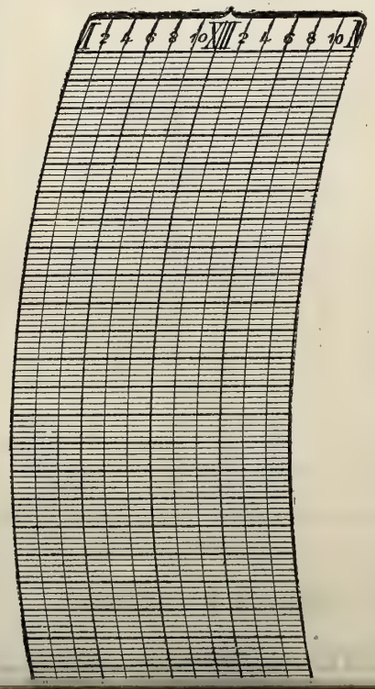
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by _____

Verified by _____

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

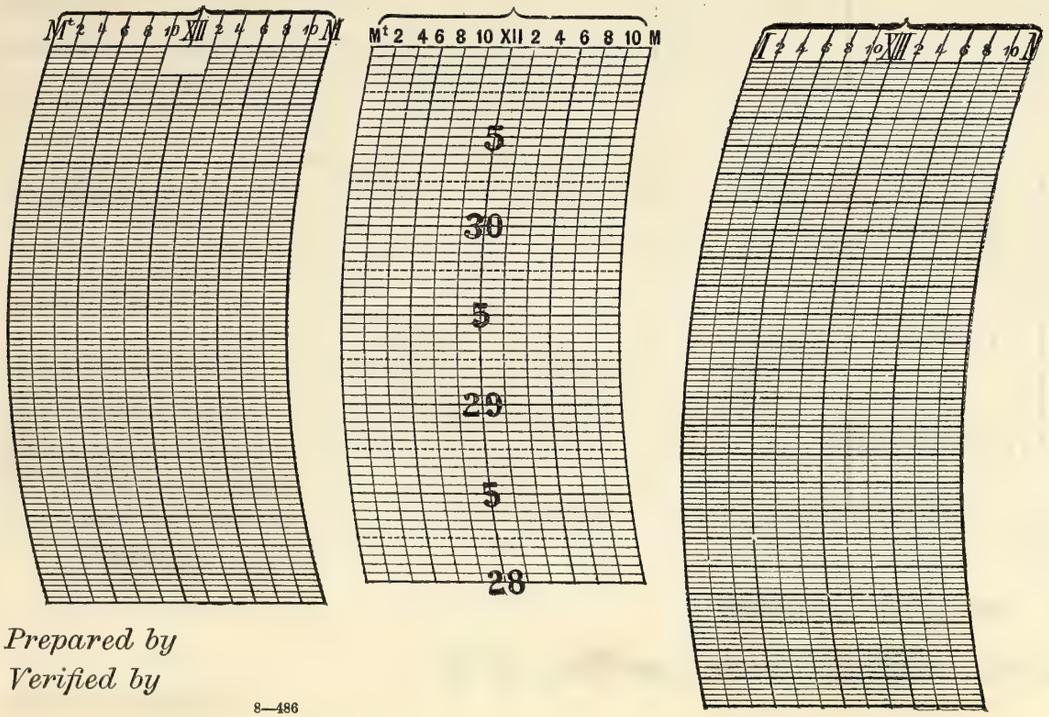
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

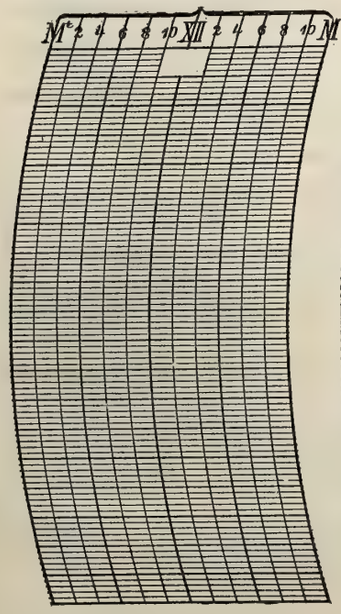
Maximum velocity, ____ Direction, ____ Time. ____

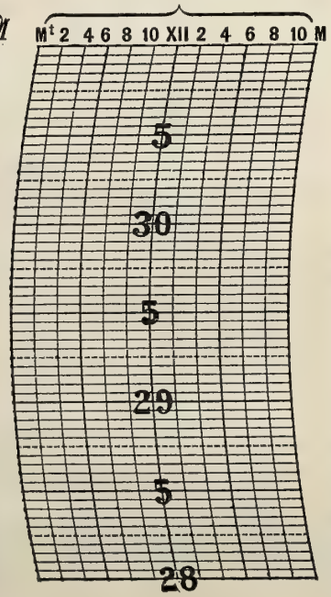
Relative humidity, ____ a. m. ____ p. m.

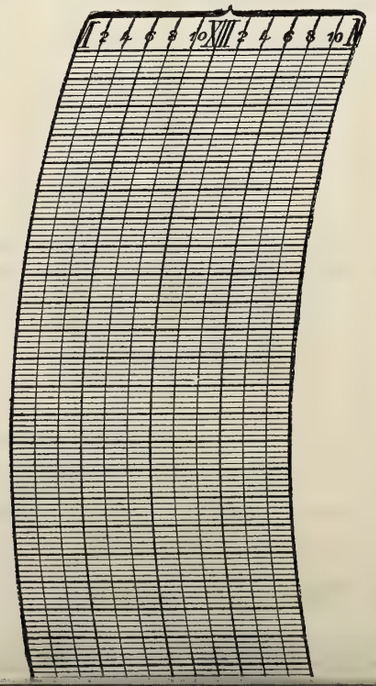
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

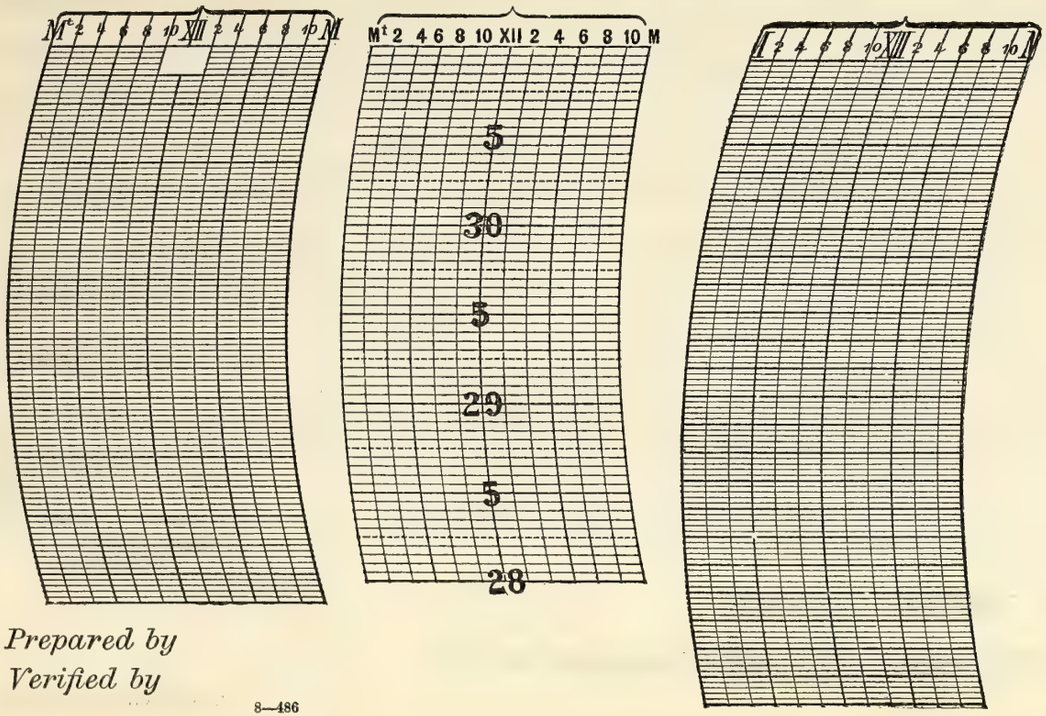
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m.; ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

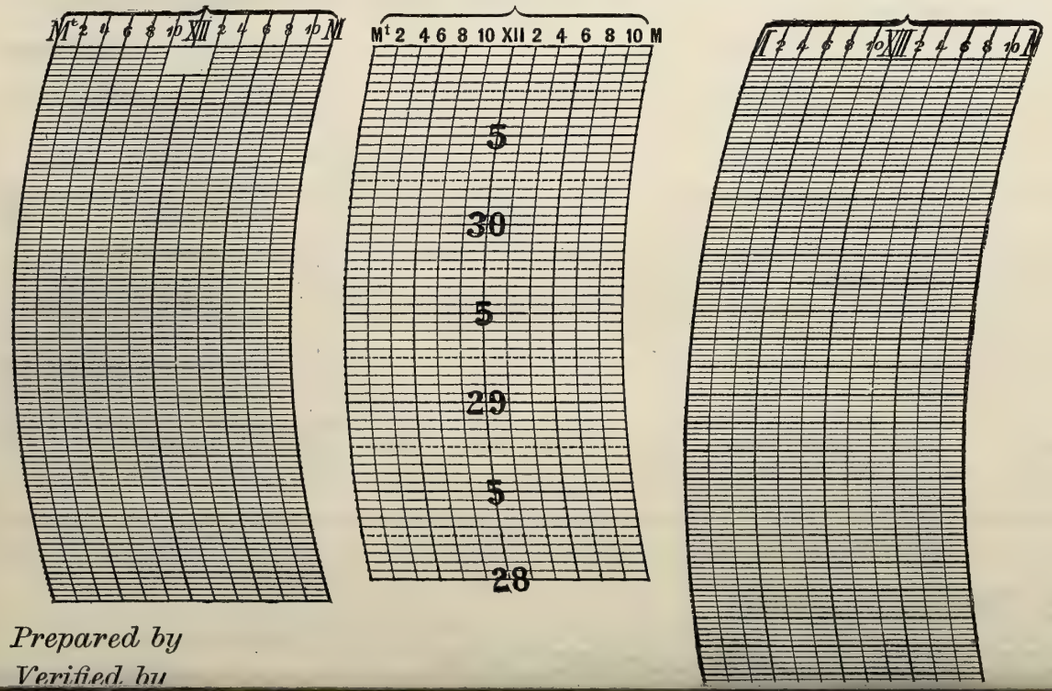
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

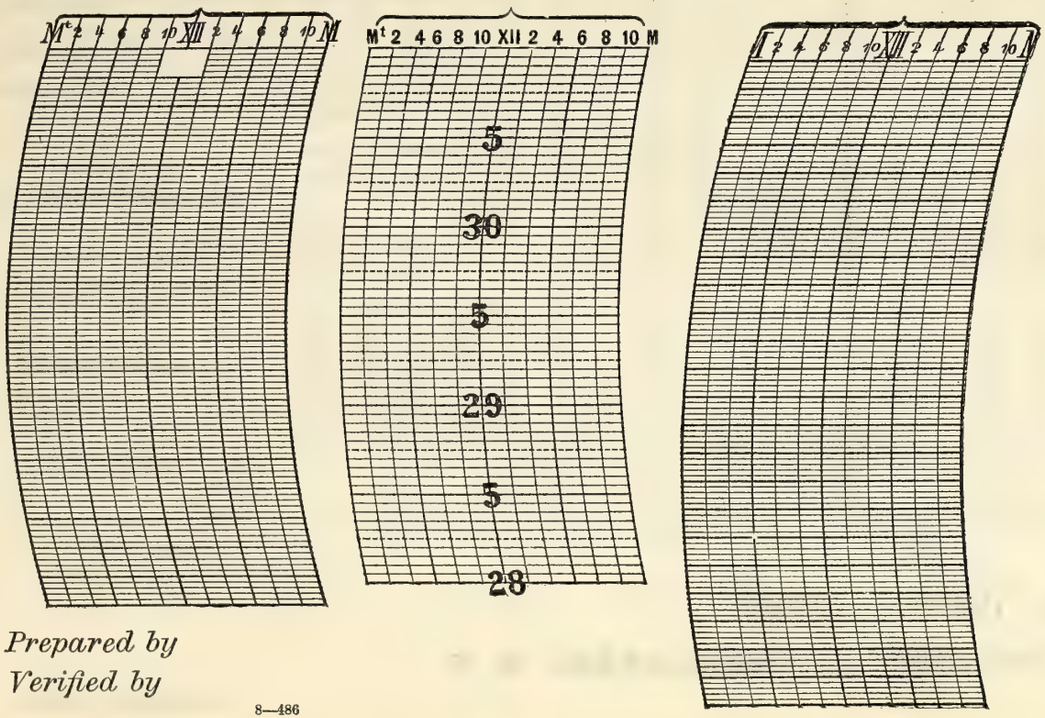
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

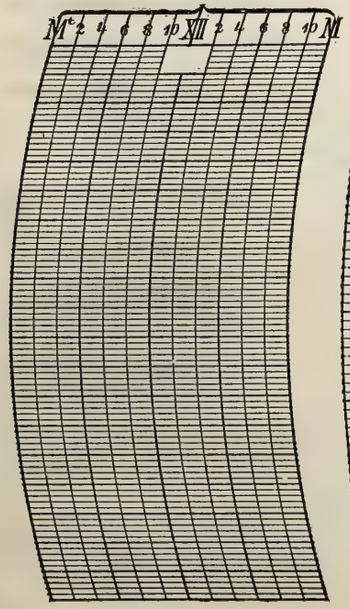
Maximum velocity, _____ Direction, _____ Time. _____

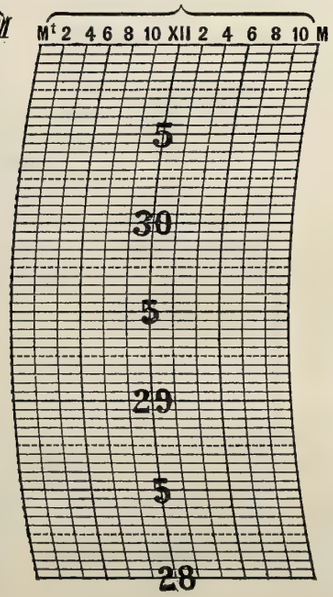
Relative humidity, _____ a. m. _____ p. m.

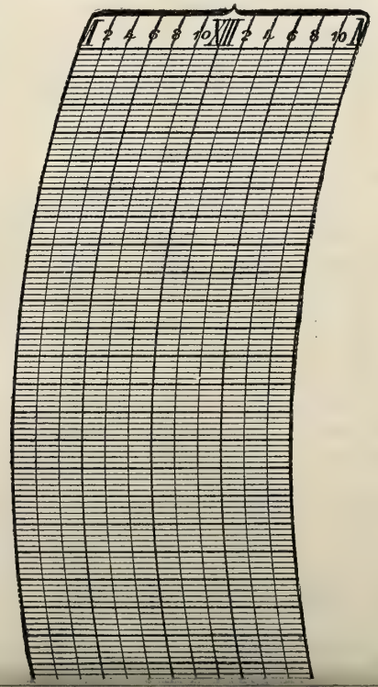
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

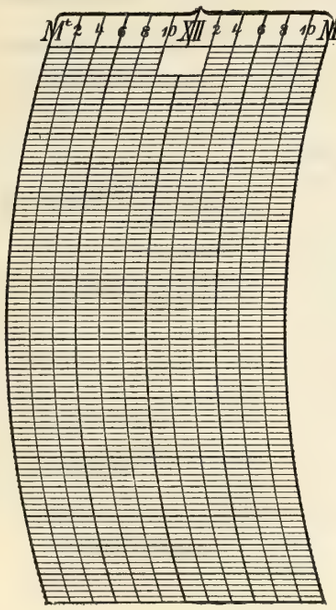
Maximum velocity, _____ Direction, _____ Time. _____

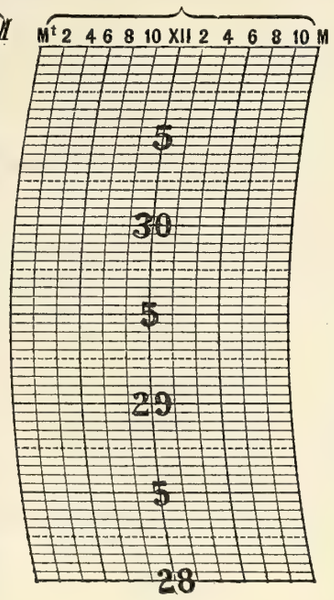
Relative humidity, _____ a. m. _____ p. m.

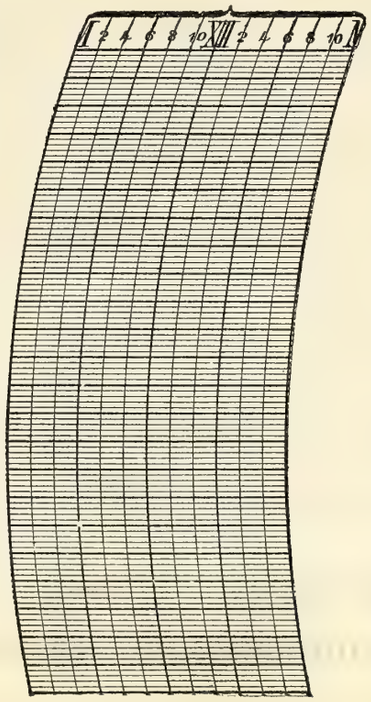
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

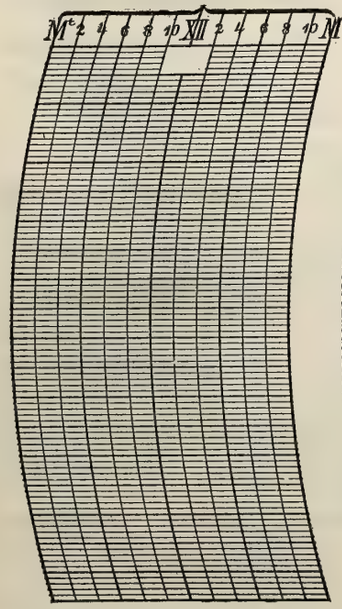
Maximum velocity, ____ Direction, ____ Time. ____

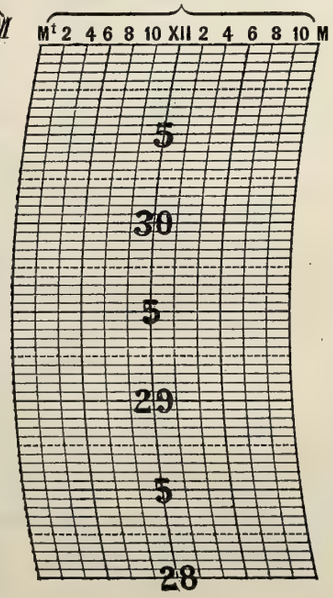
Relative humidity, ____ a. m. ____ p. m.

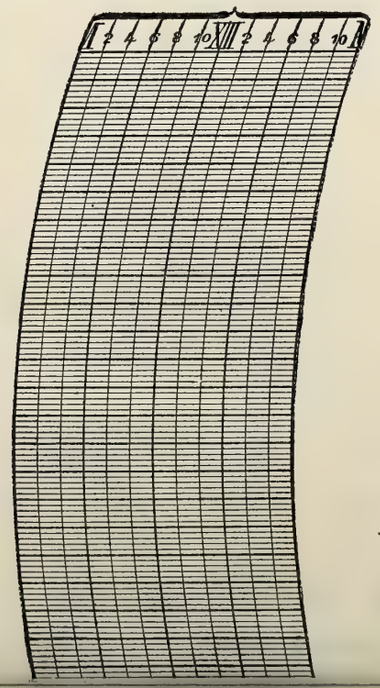
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

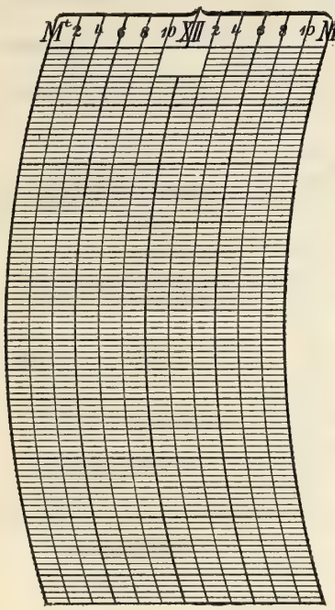
Maximum velocity, _____ Direction, _____ Time. _____

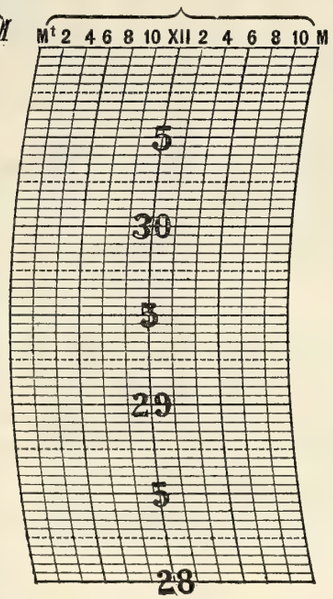
Relative humidity, _____ a. m. _____ p. m.

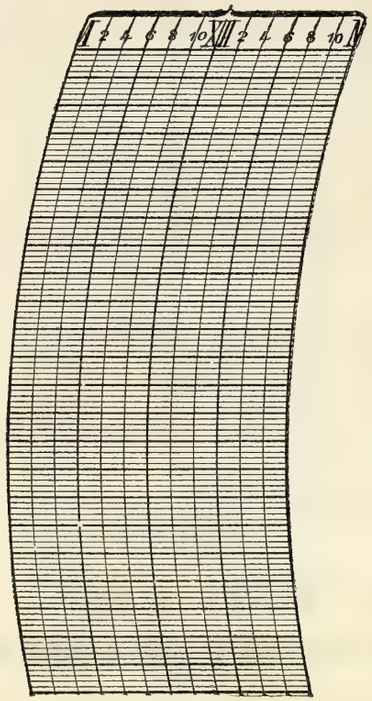
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

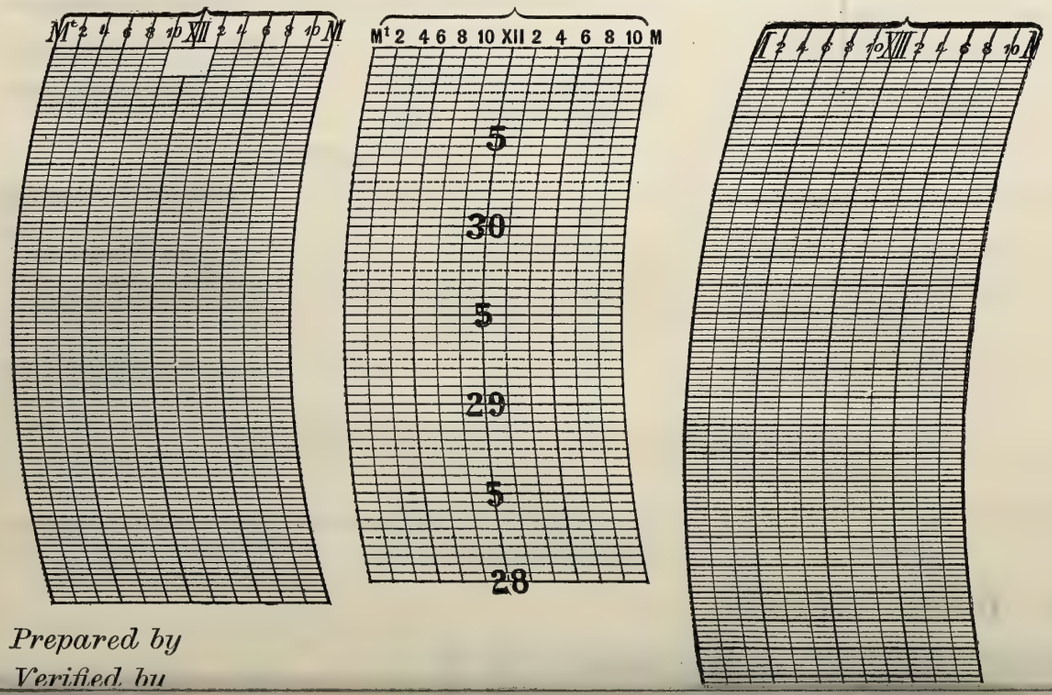
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

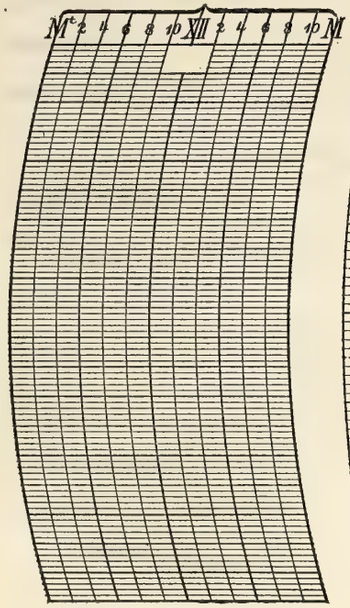
Maximum velocity,	Direction,	Time.
_____	_____	_____

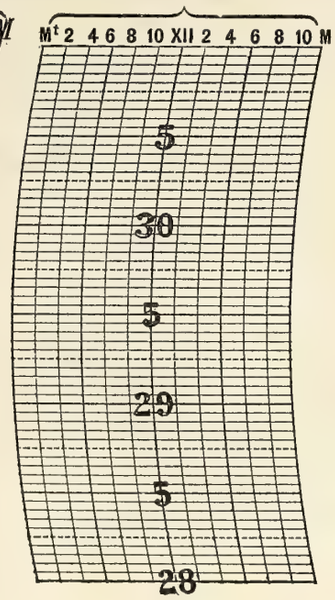
Relative humidity, _____ a. m. _____ p. m.

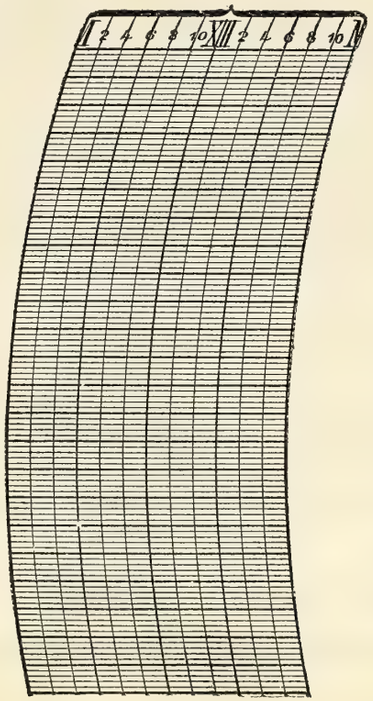
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

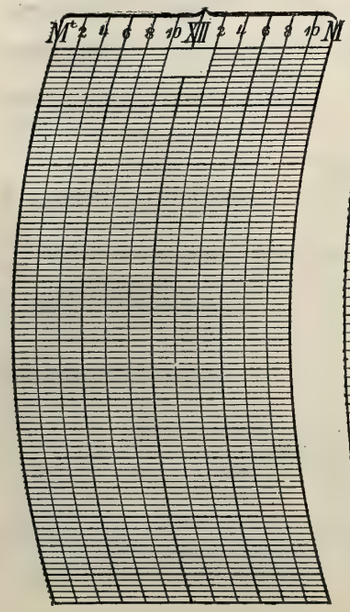
Maximum velocity,	Direction,	Time.

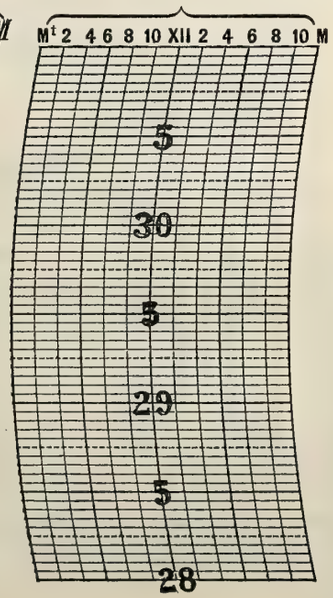
Relative humidity, ____ a. m. ____ p. m.

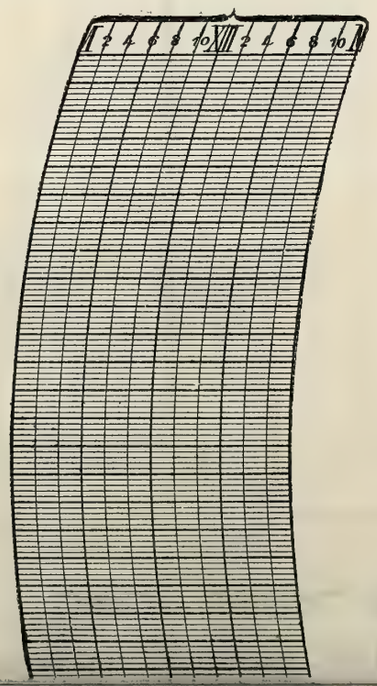
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

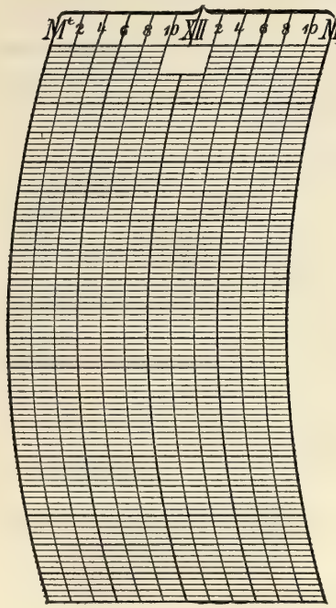
Average hourly velocity, _____

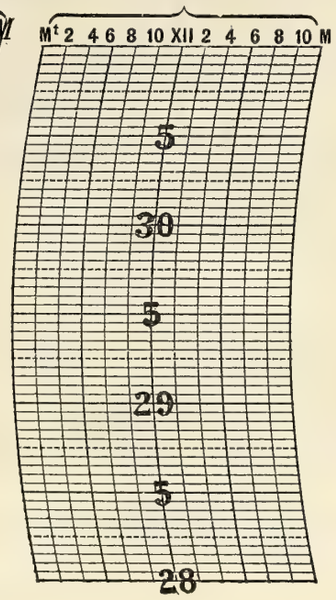
Maximum velocity, _____ Direction, _____ Time. _____

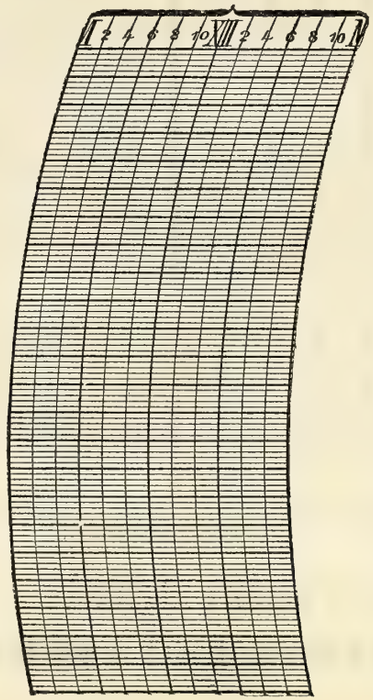
Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____







NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

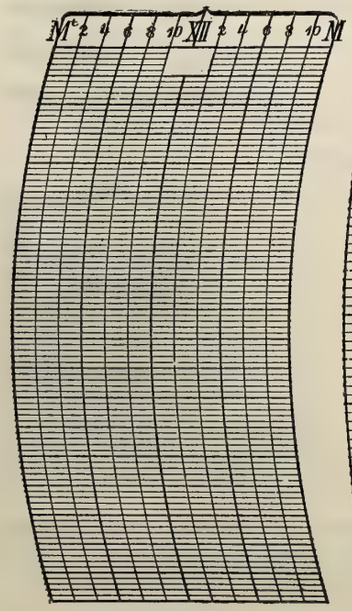
Maximum velocity,	Direction,	Time.
_____	_____	_____

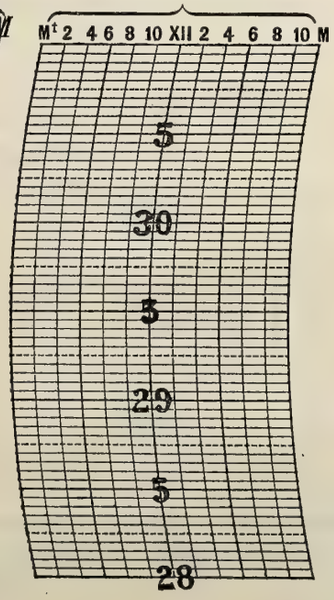
Relative humidity, _____ a. m. _____ p. m.

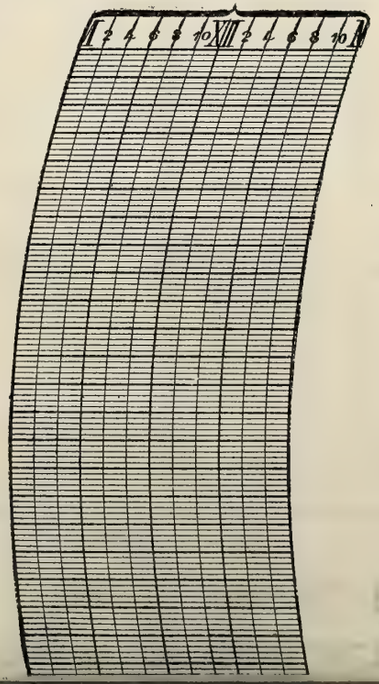
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

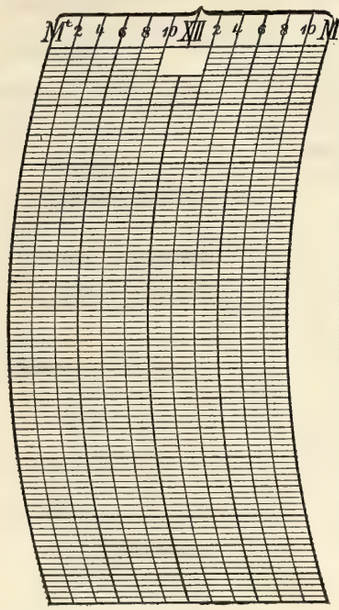
Maximum velocity,	Direction,	Time.
_____	_____	_____

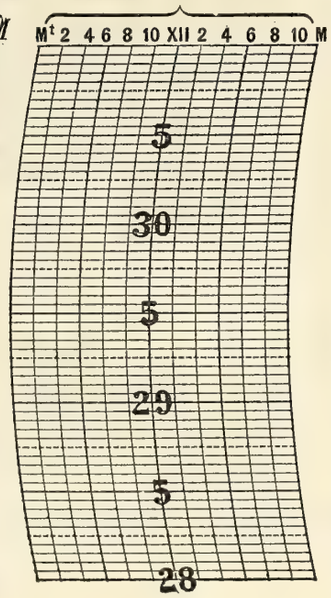
Relative humidity, _____ a. m. _____ p. m.

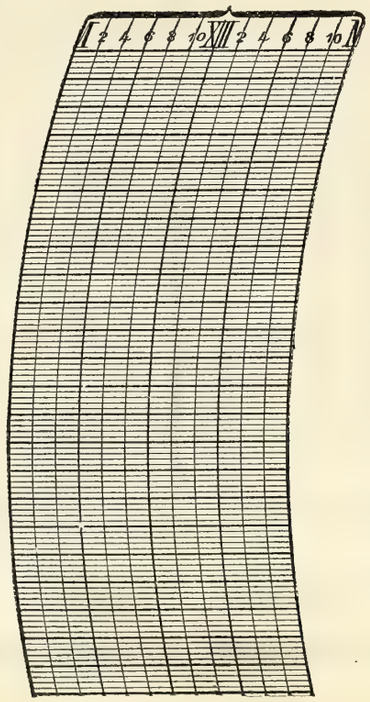
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

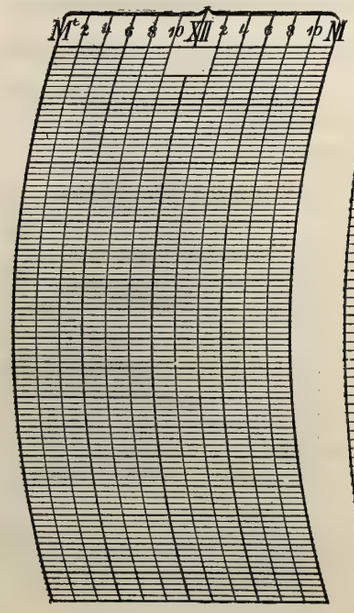
Maximum velocity, ____ Direction, ____ Time. ____

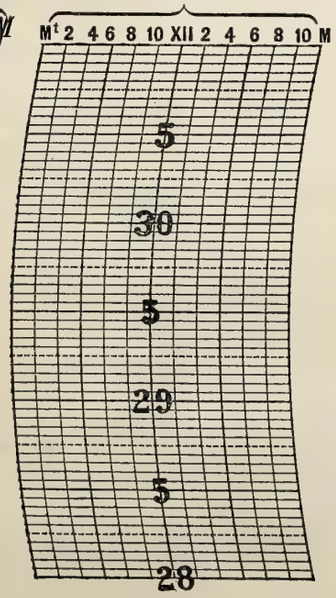
Relative humidity, ____ a. m. ____ p. m.

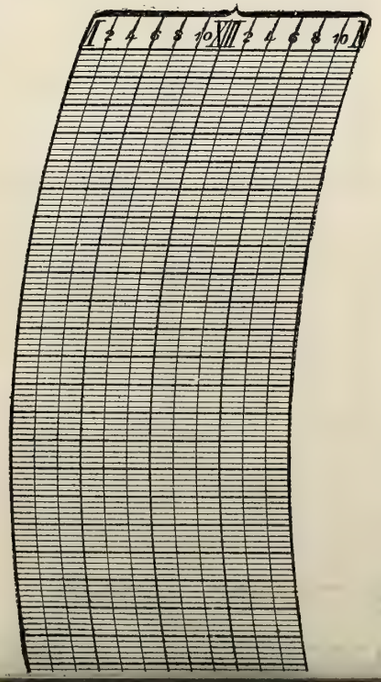
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

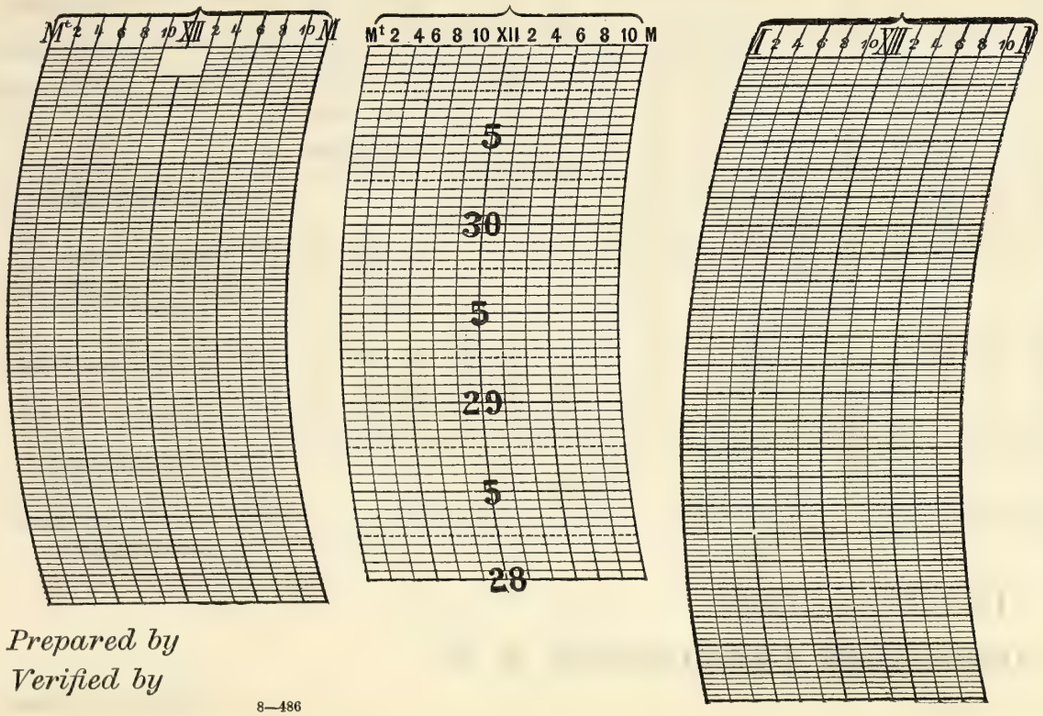
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

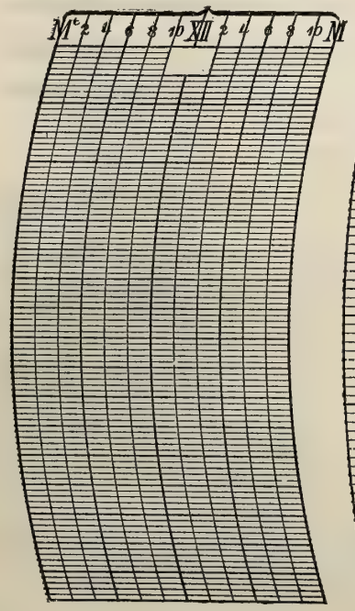
Average hourly velocity, _____

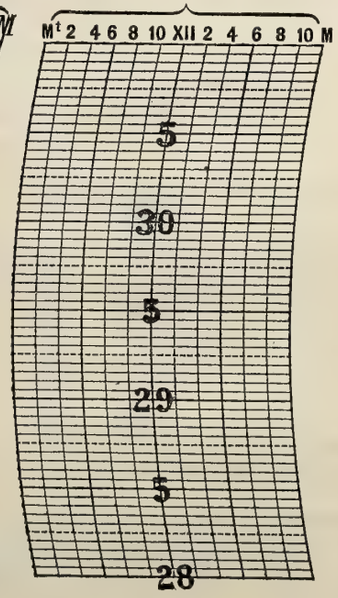
Maximum velocity, _____ Direction, _____ Time. _____

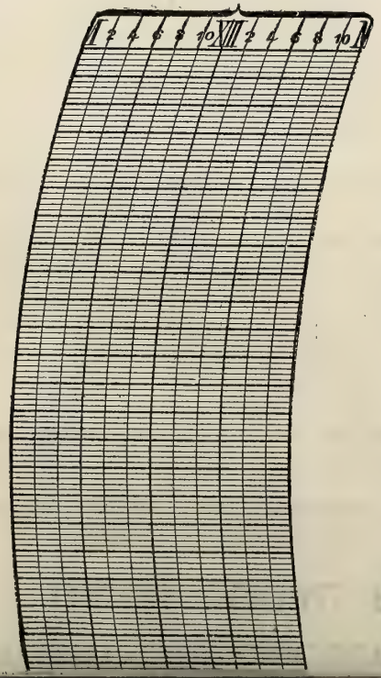
Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____







NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

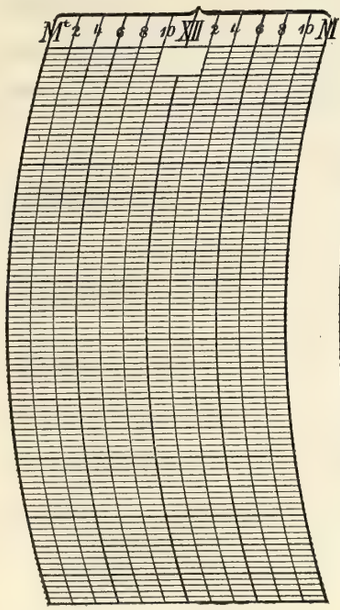
Maximum velocity, _____ Direction, _____ Time. _____

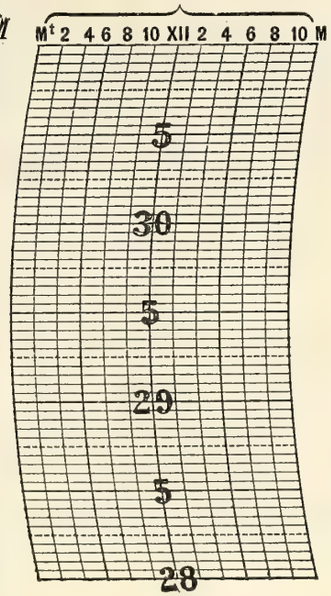
Relative humidity, _____ a. m. _____ p. m.

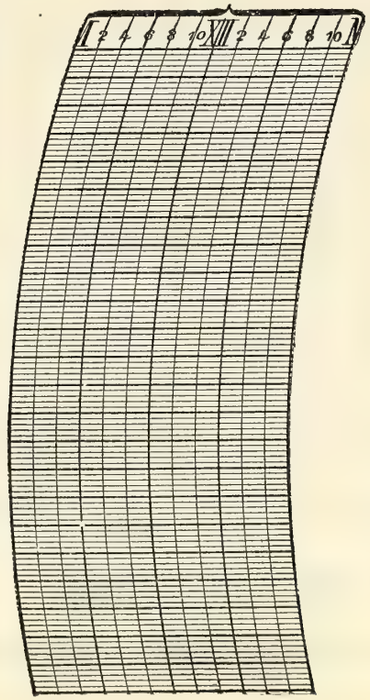
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

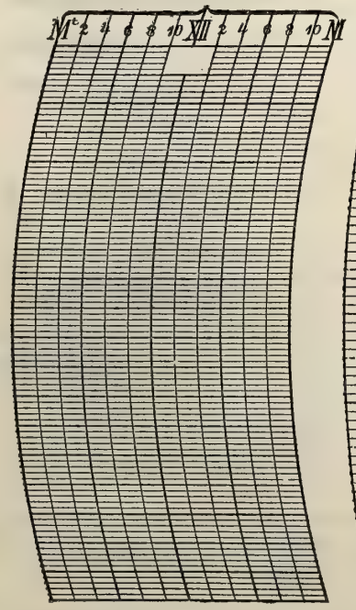
Maximum velocity,	Direction,	Time.

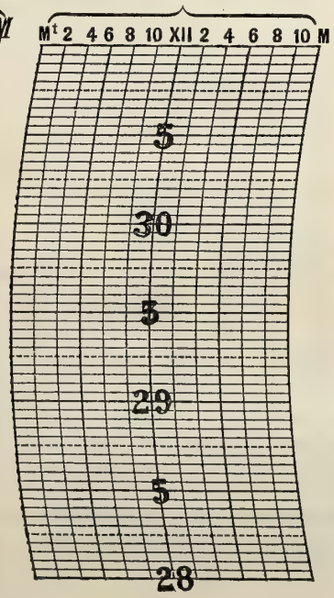
Relative humidity, ____ a. m. ____ p. m.

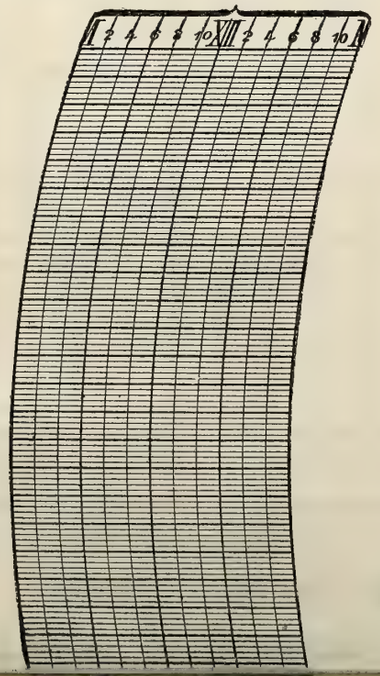
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour												
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
	Sunrise: Time, _____ Character, _____											
Sunshine (in tenths of hours)												
Wind direction												
Wind movement												
Maximum velocities (exceeding _____ miles)												

	P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour												
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
									Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)												
Wind direction												
Wind movement												
Maximum velocities (exceeding _____ miles)												

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

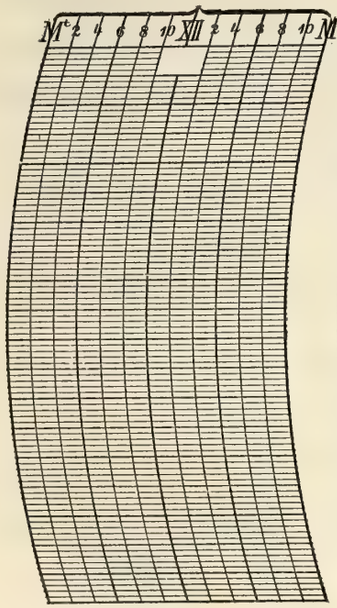
Maximum velocity, _____ Direction, _____ Time. _____

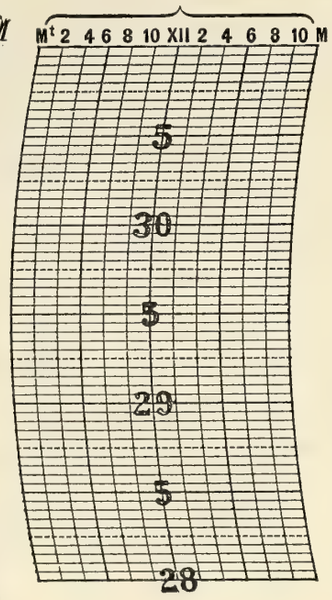
Relative humidity, _____ a. m. _____ p. m.

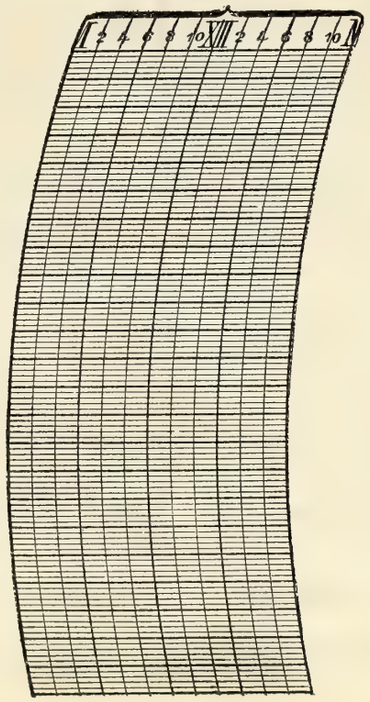
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

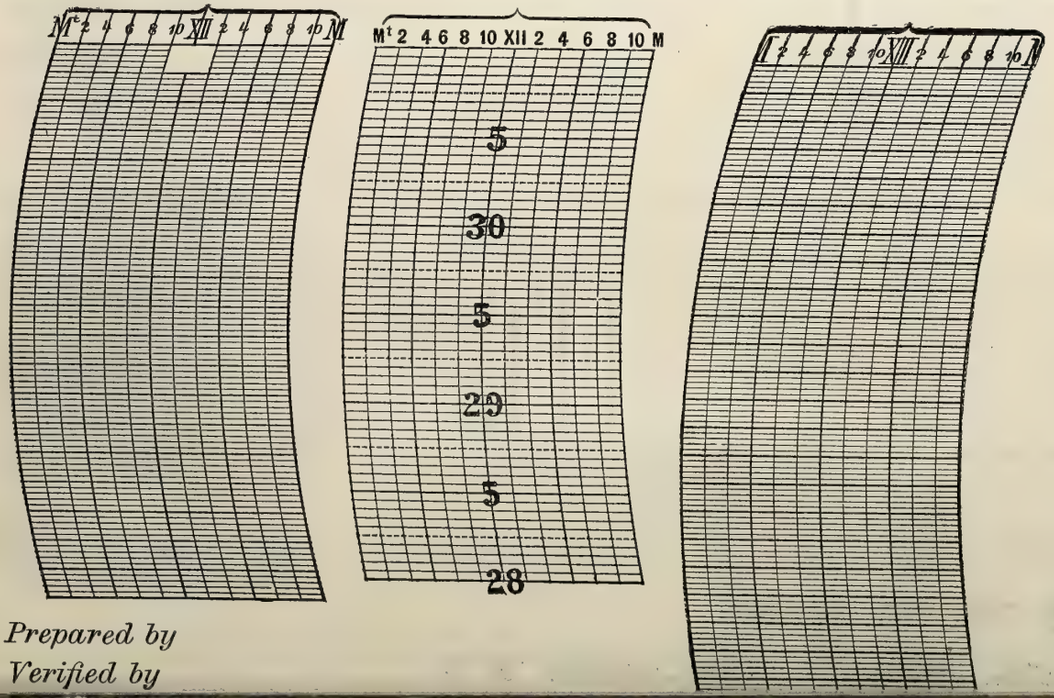
Average hourly velocity, ____

Maximum velocity,	Direction,	Time.

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____



NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

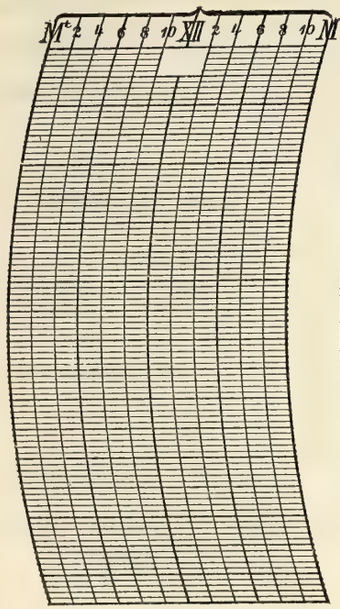
Maximum velocity, ____ Direction, ____ Time. ____

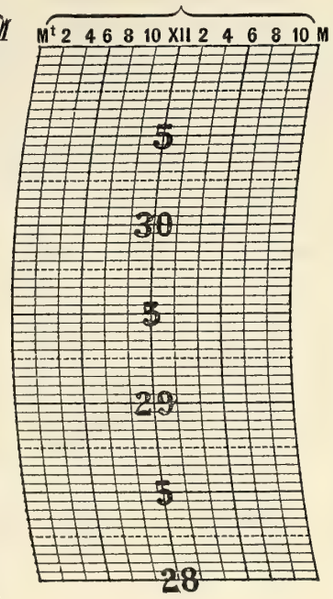
Relative humidity, ____ a. m. ____ p. m.

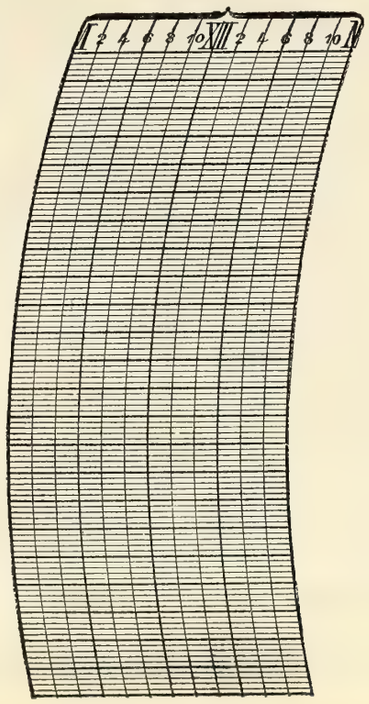
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

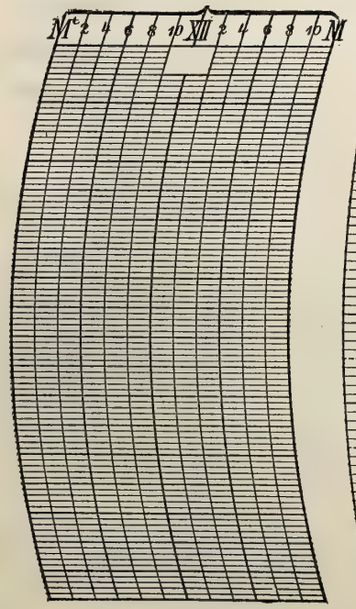
Maximum velocity, ____ Direction, ____ Time. ____

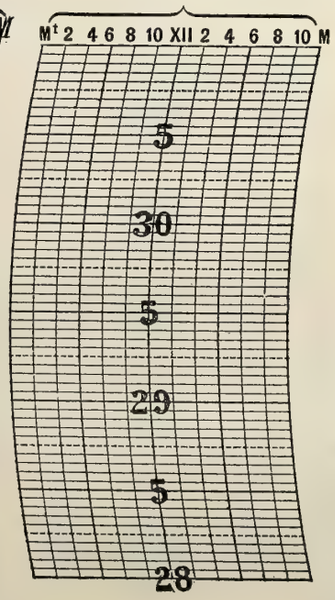
Relative humidity, ____ a. m. ____ p. m.

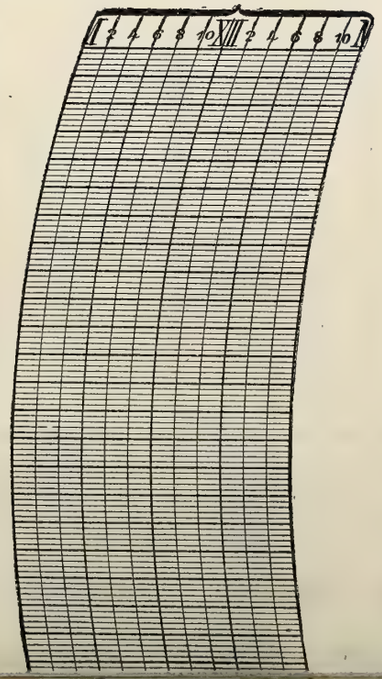
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

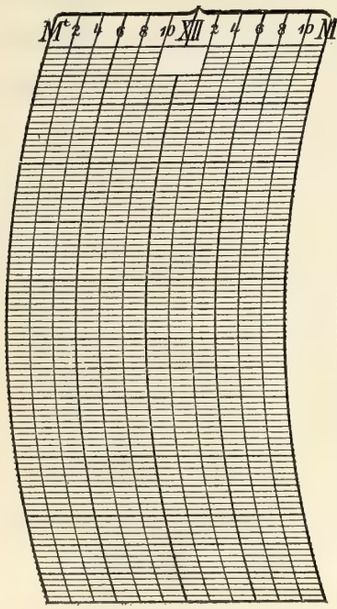
Maximum velocity, _____ Direction, _____ Time. _____

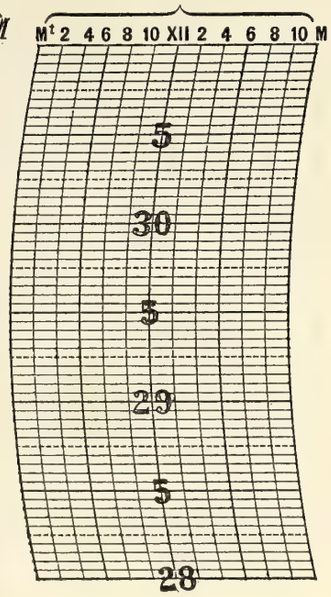
Relative humidity, _____ a. m. _____ p. m.

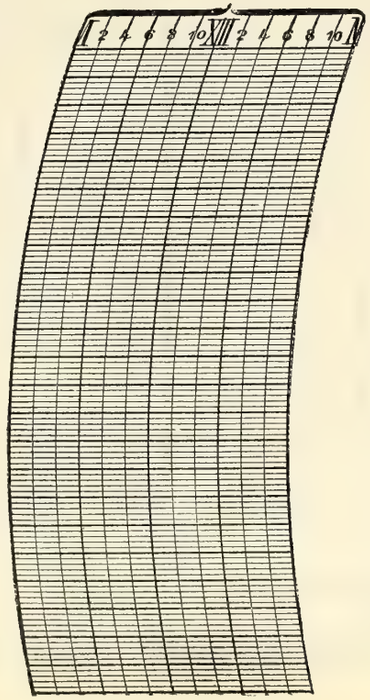
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

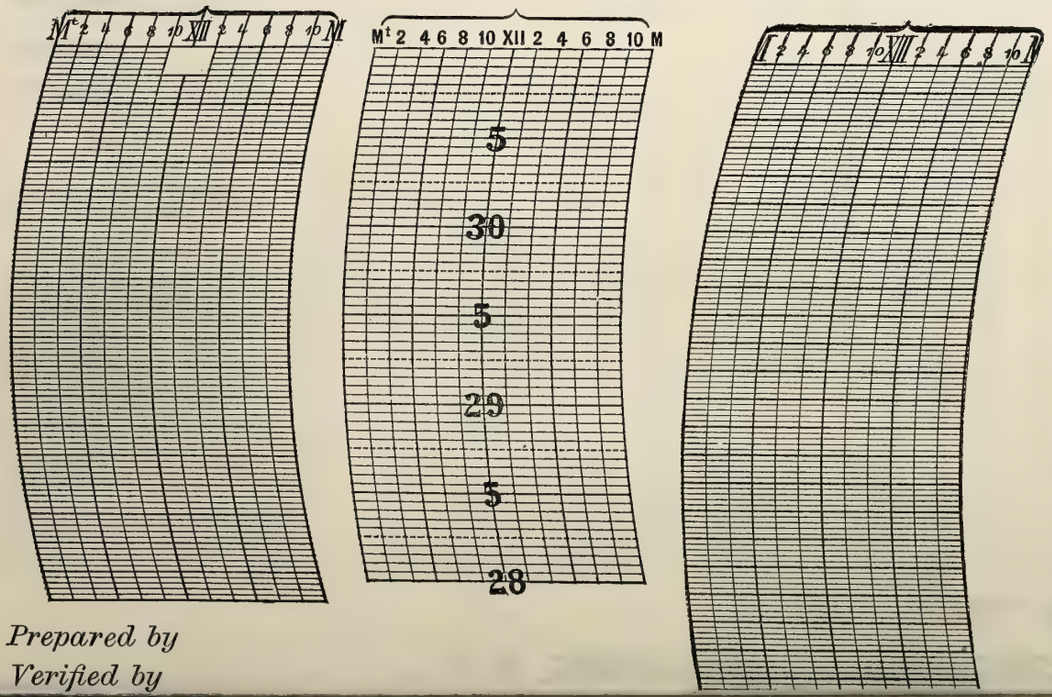
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

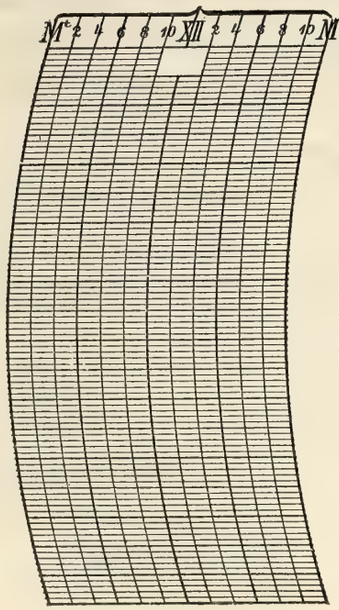
Maximum velocity, ____ Direction, ____ Time. ____

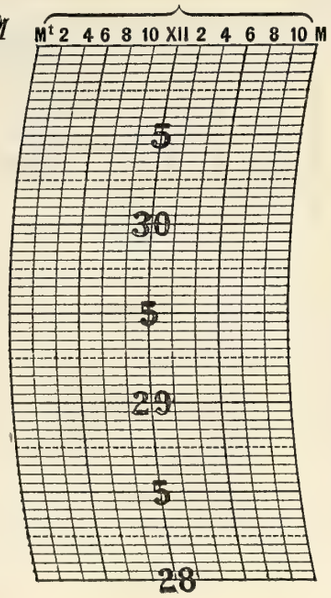
Relative humidity, ____ a. m. ____ p. m.

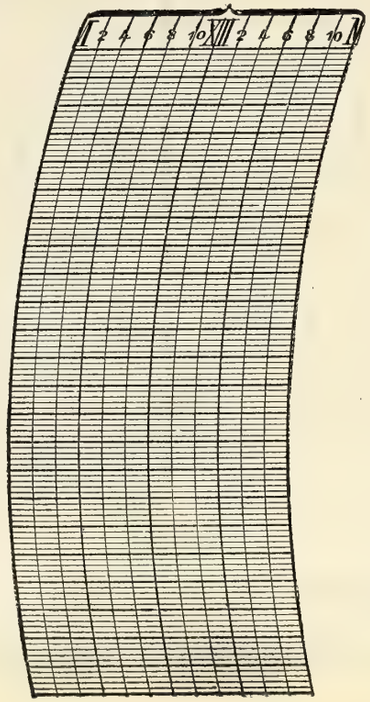
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
Sunshine (in tenths of hours)	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

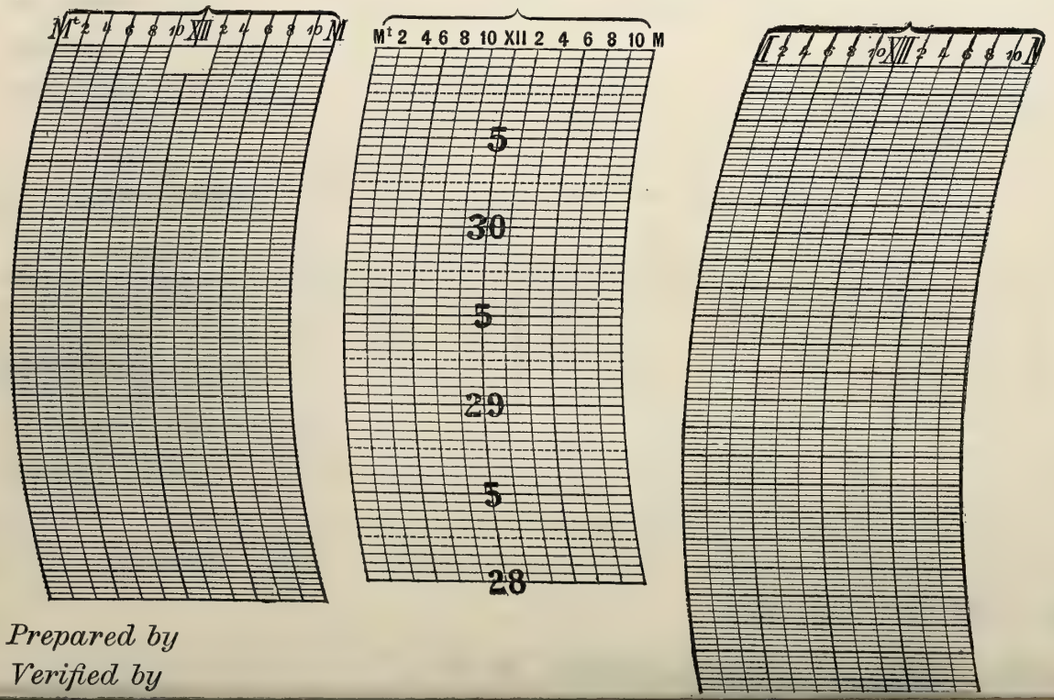
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

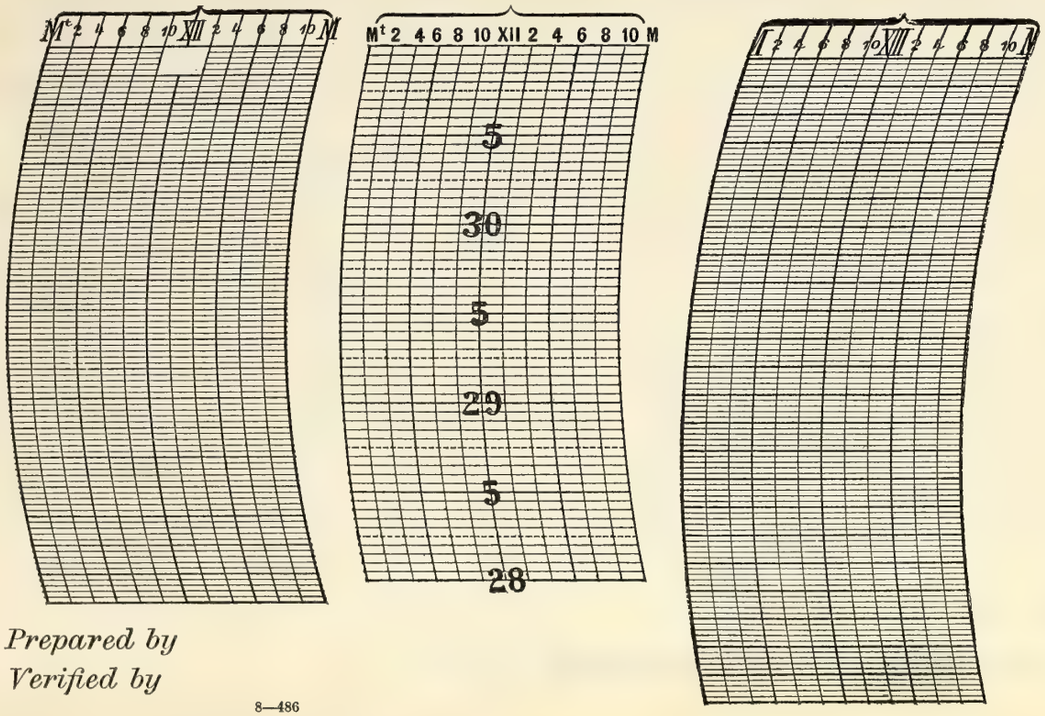
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

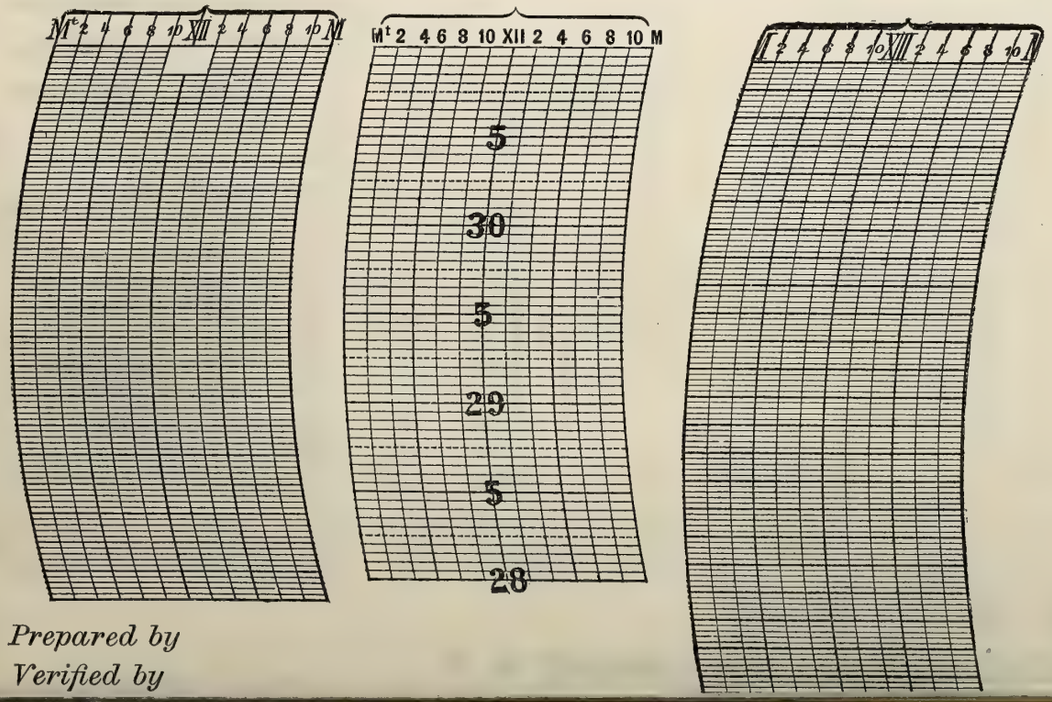
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

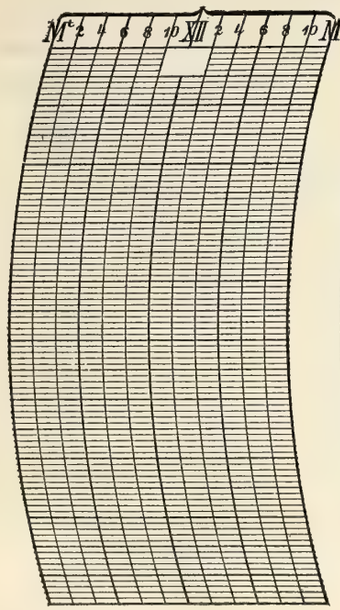
Maximum velocity, ____ Direction, ____ Time. ____

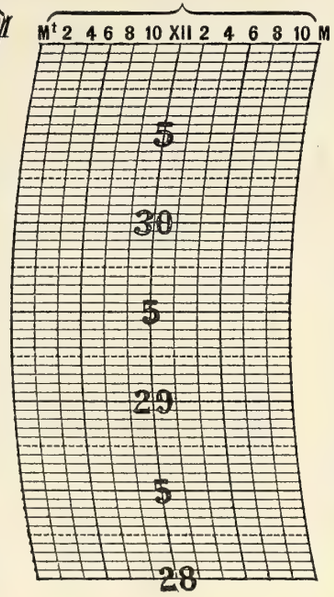
Relative humidity, ____ a. m. ____ p. m.

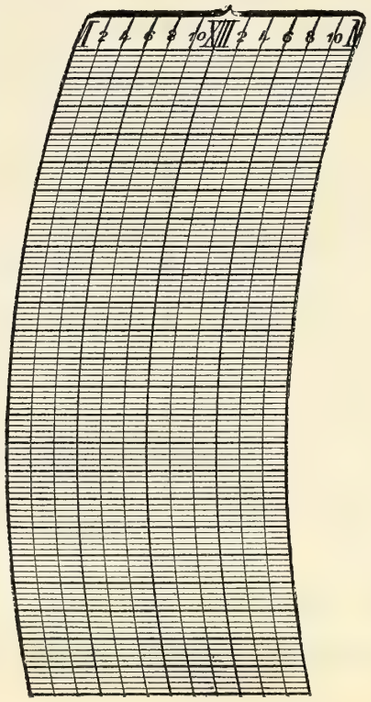
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

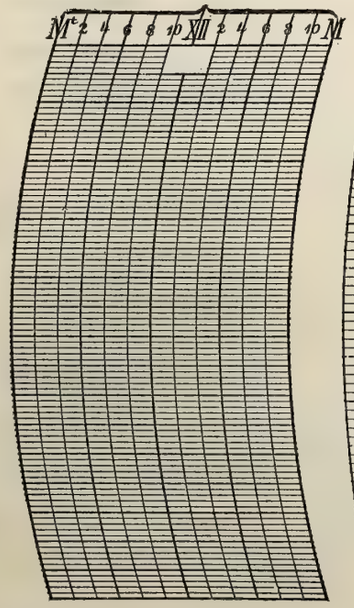
Maximum velocity, _____ Direction, _____ Time. _____

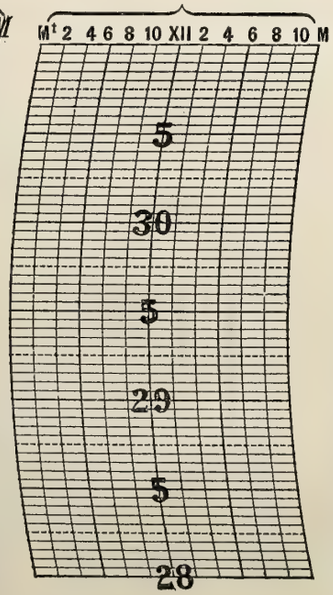
Relative humidity, _____ a. m. _____ p. m.

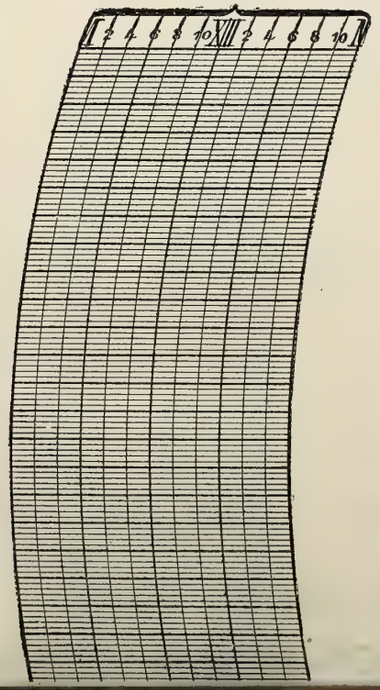
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

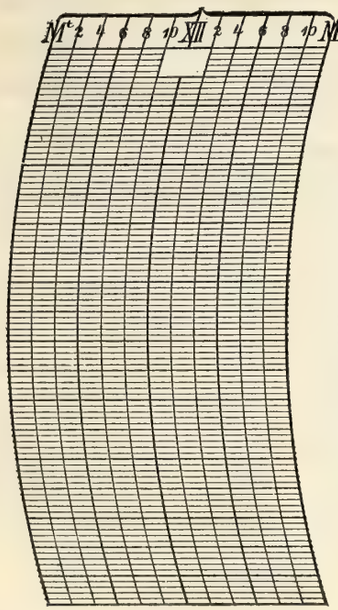
Maximum velocity, ____ Direction, ____ Time. ____

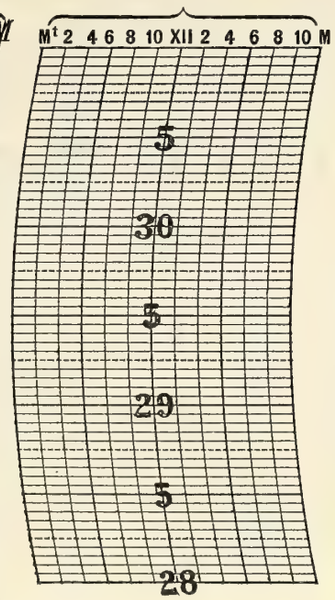
Relative humidity, ____ a. m. ____ p. m.

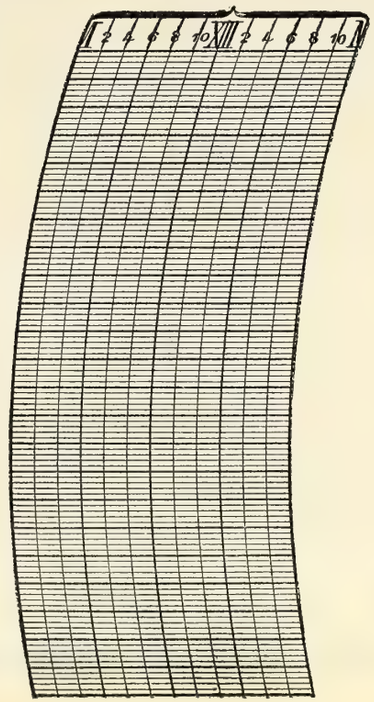
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

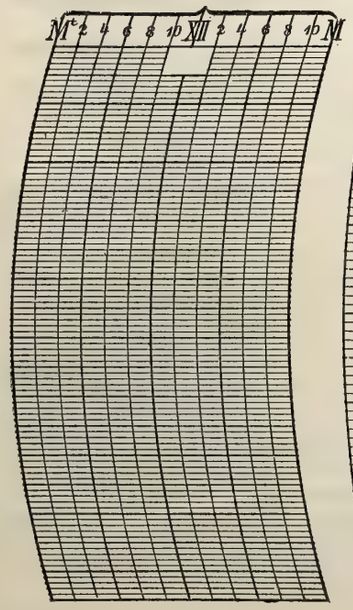
Maximum velocity, ____ Direction, ____ Time. ____

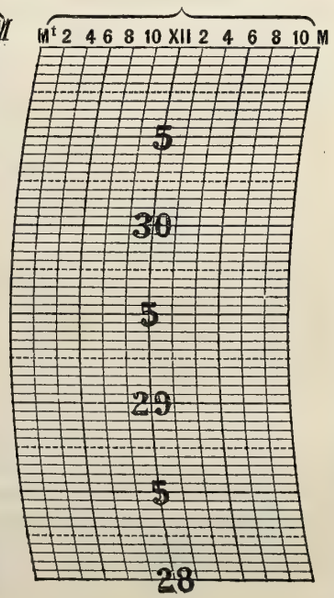
Relative humidity, ____ a. m. ____ p. m.

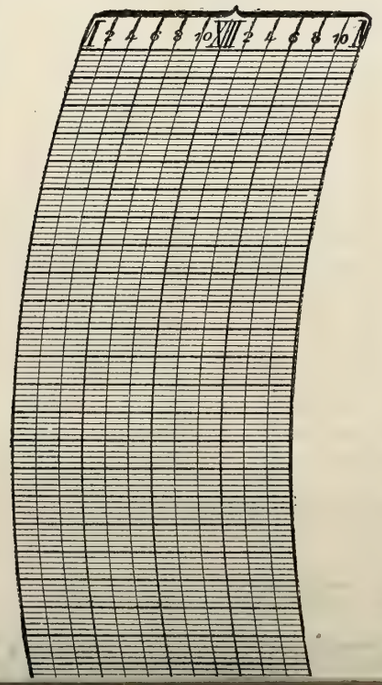
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

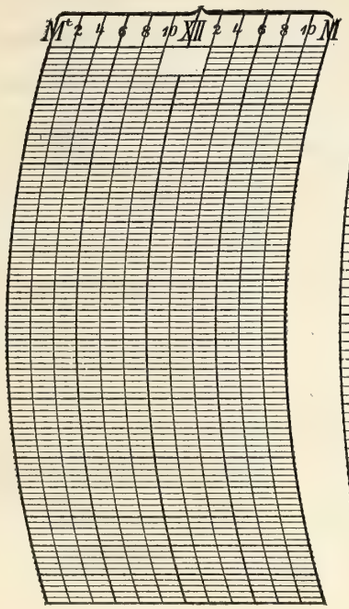
Maximum velocity, ____ Direction, ____ Time. ____

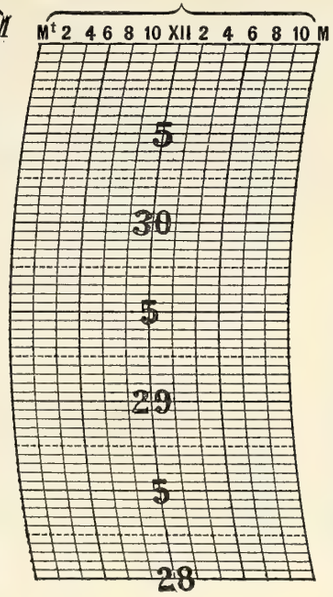
Relative humidity, ____ a. m. ____ p. m.

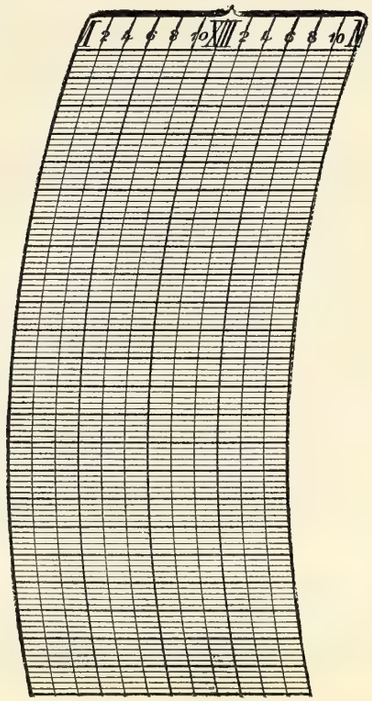
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

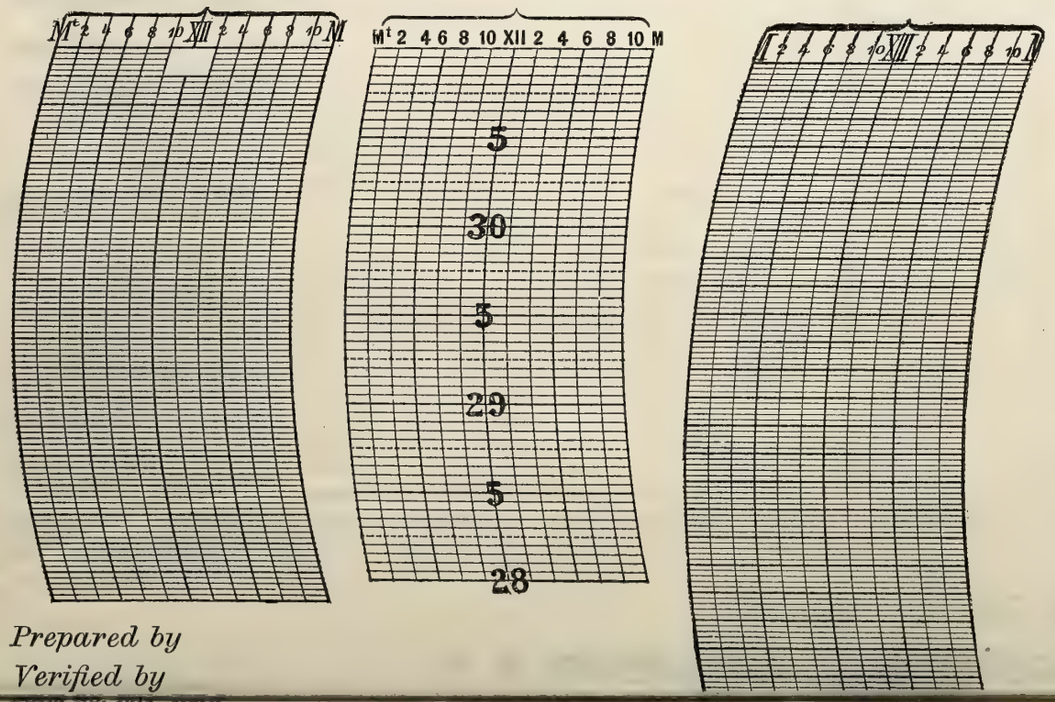
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

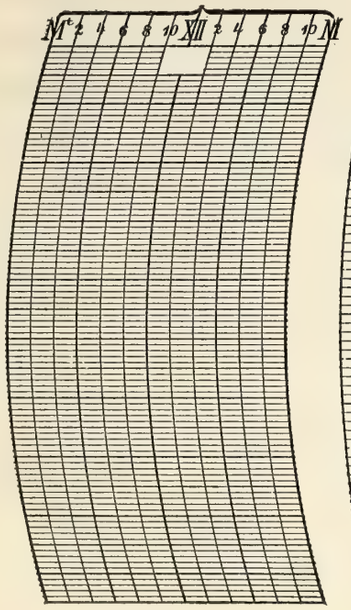
Maximum velocity, ____ Direction, ____ Time. ____

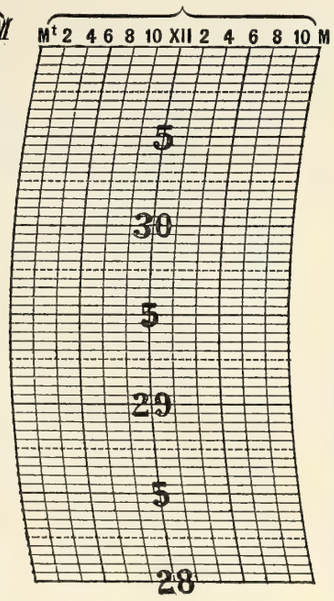
Relative humidity, ____ a. m. ____ p. m.

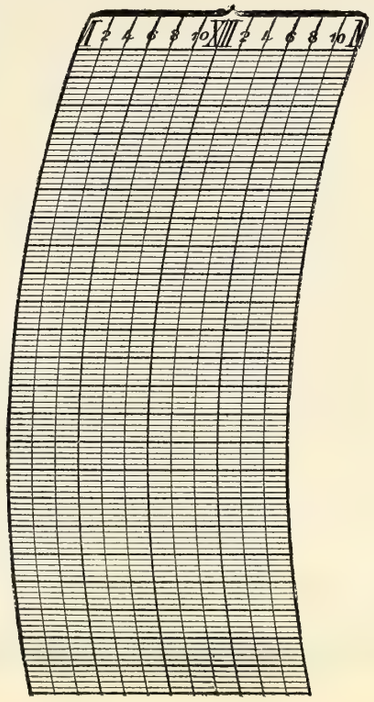
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

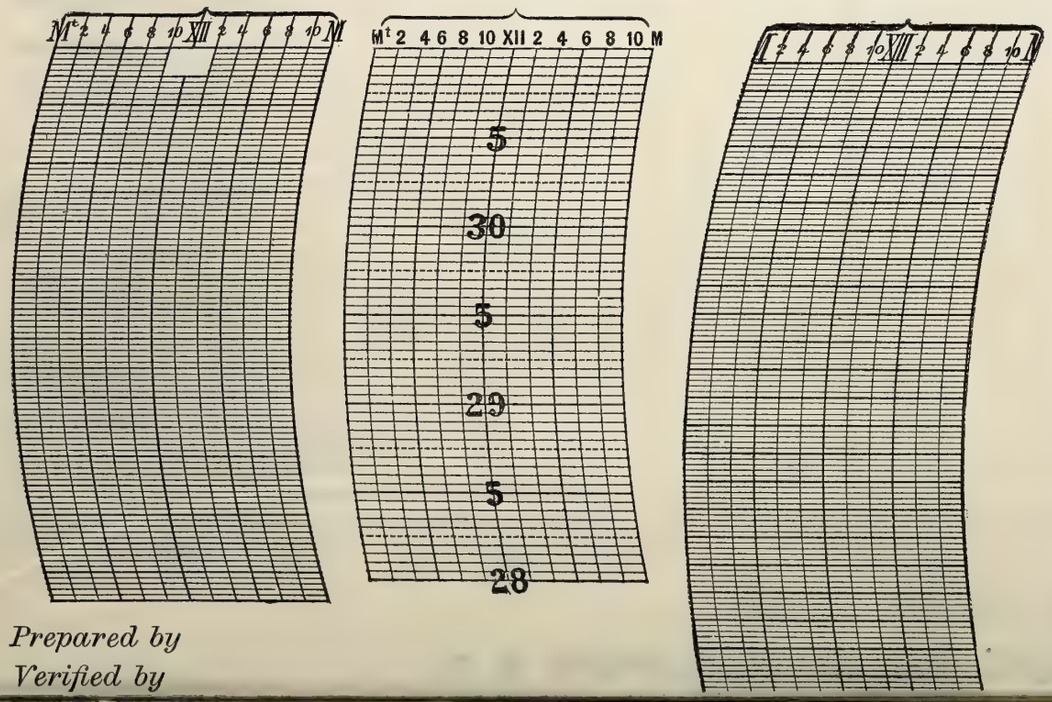
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

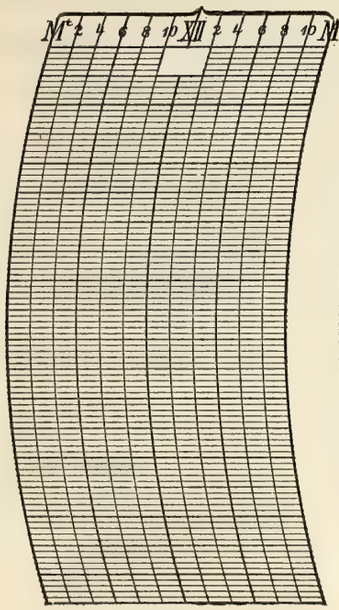
Maximum velocity, _____ Direction, _____ Time. _____

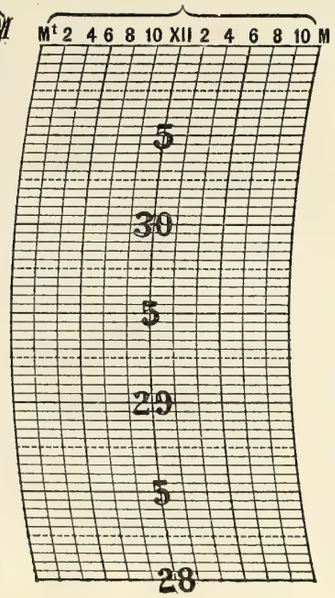
Relative humidity, _____ a. m. _____ p. m.

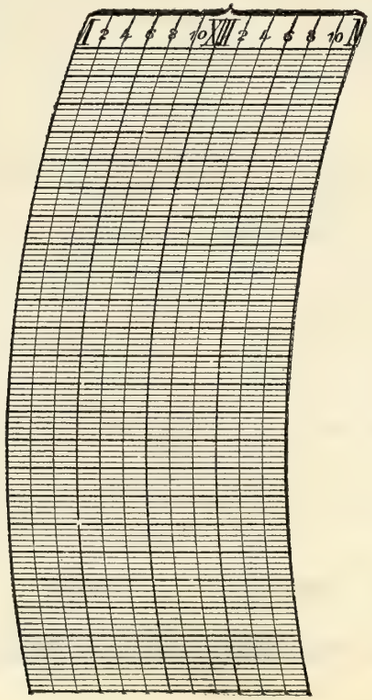
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

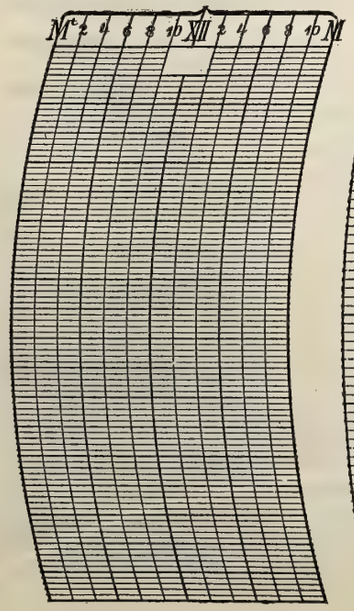
Maximum velocity, ____ Direction, ____ Time. ____

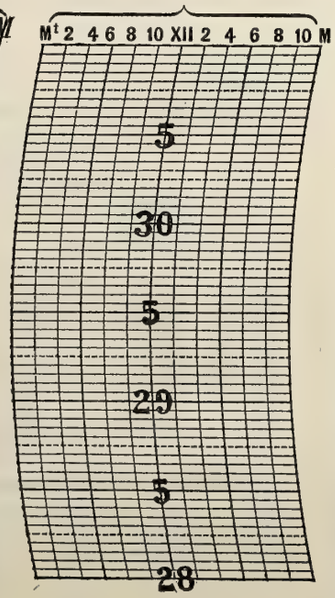
Relative humidity, ____ a. m. ____ p. m.

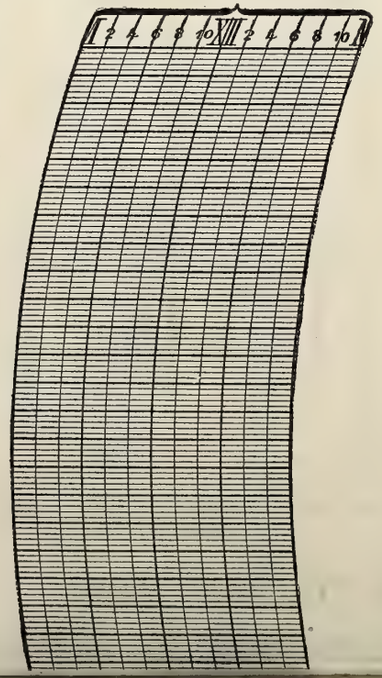
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

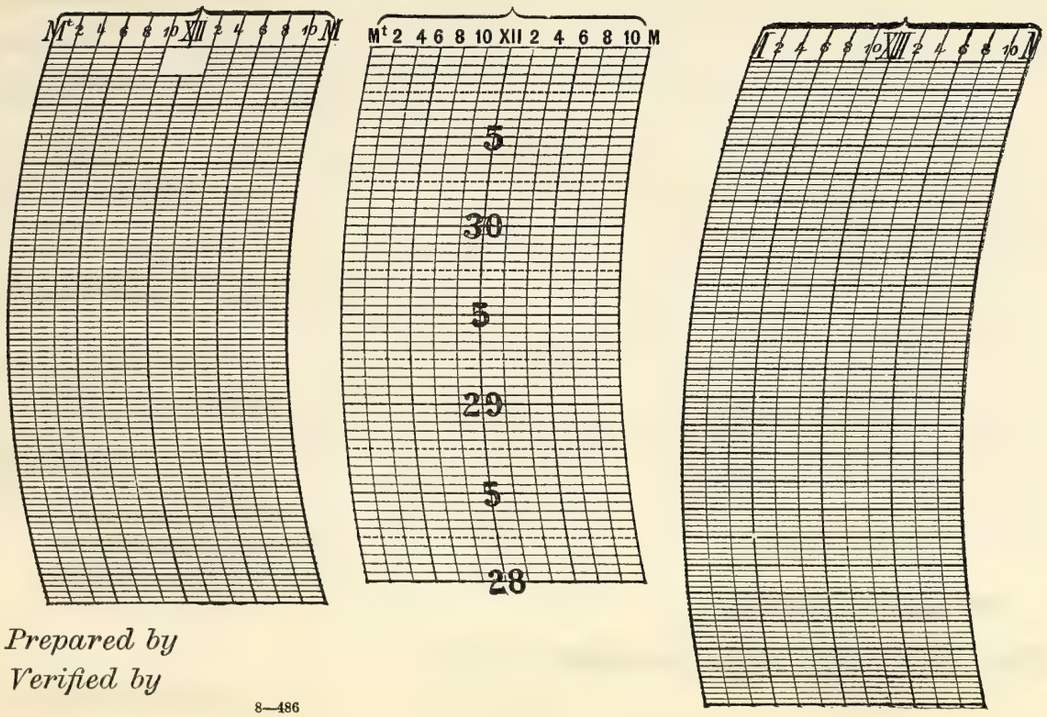
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

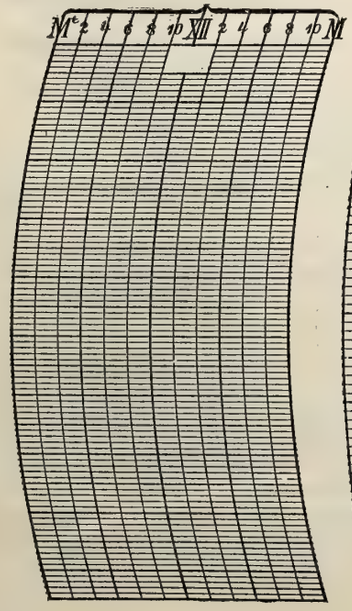
Maximum velocity, ____ Direction, ____ Time. ____

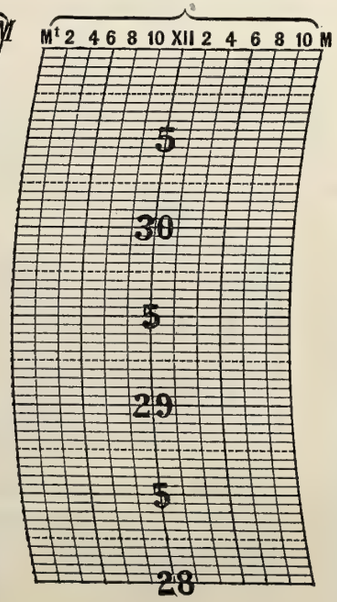
Relative humidity, ____ a. m. ____ p. m.

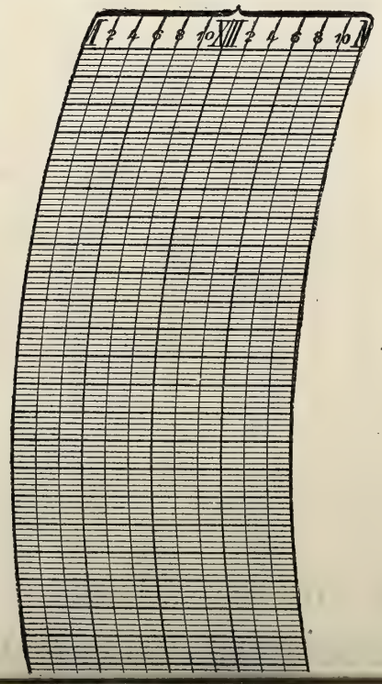
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

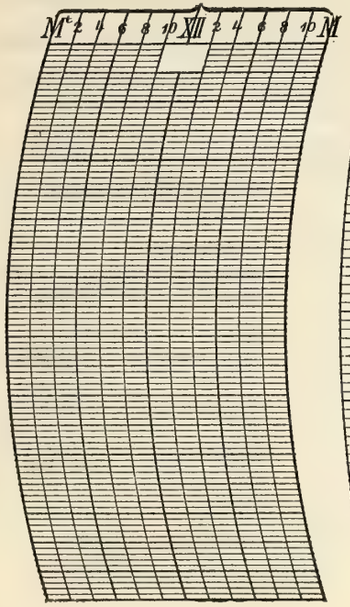
Maximum velocity, _____ Direction, _____ Time. _____

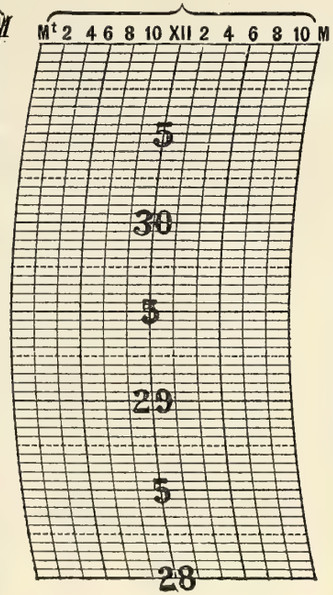
Relative humidity, _____ a. m. _____ p. m.

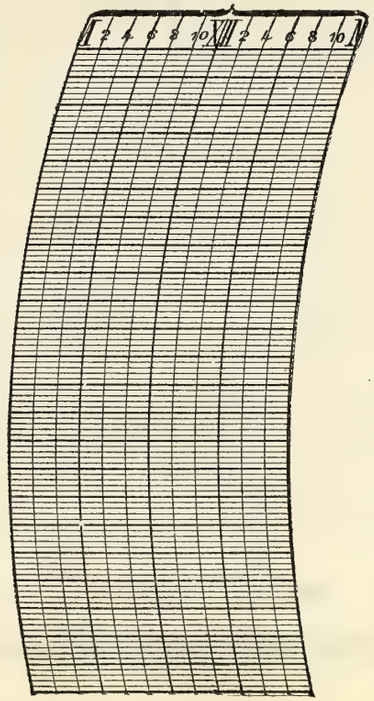
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

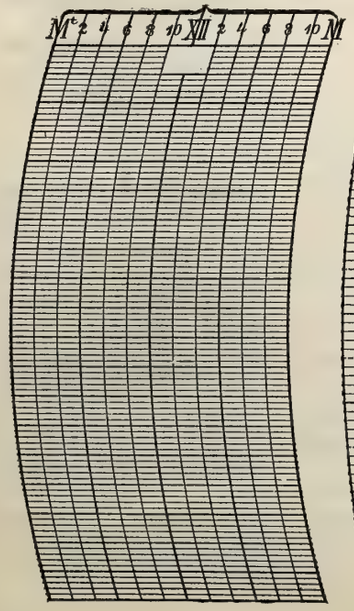
Maximum velocity, ____ Direction, ____ Time. ____

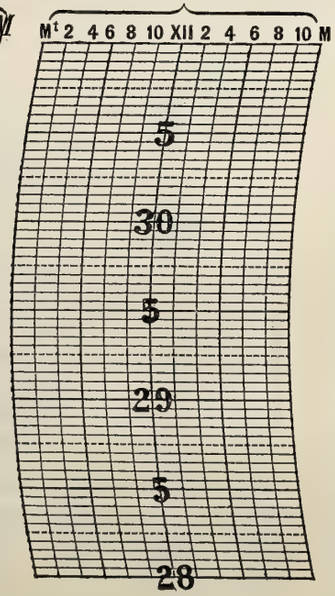
Relative humidity, ____ a. m. ____ p. m.

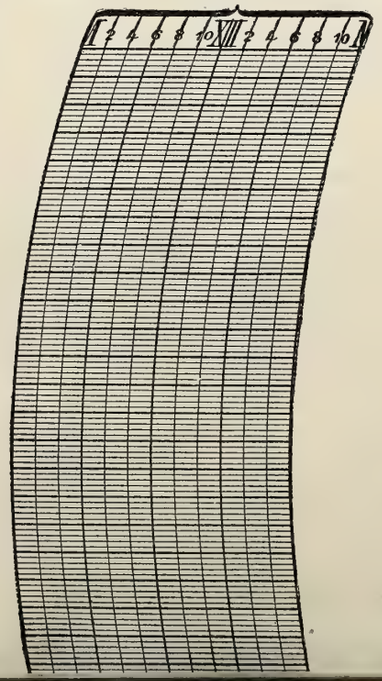
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

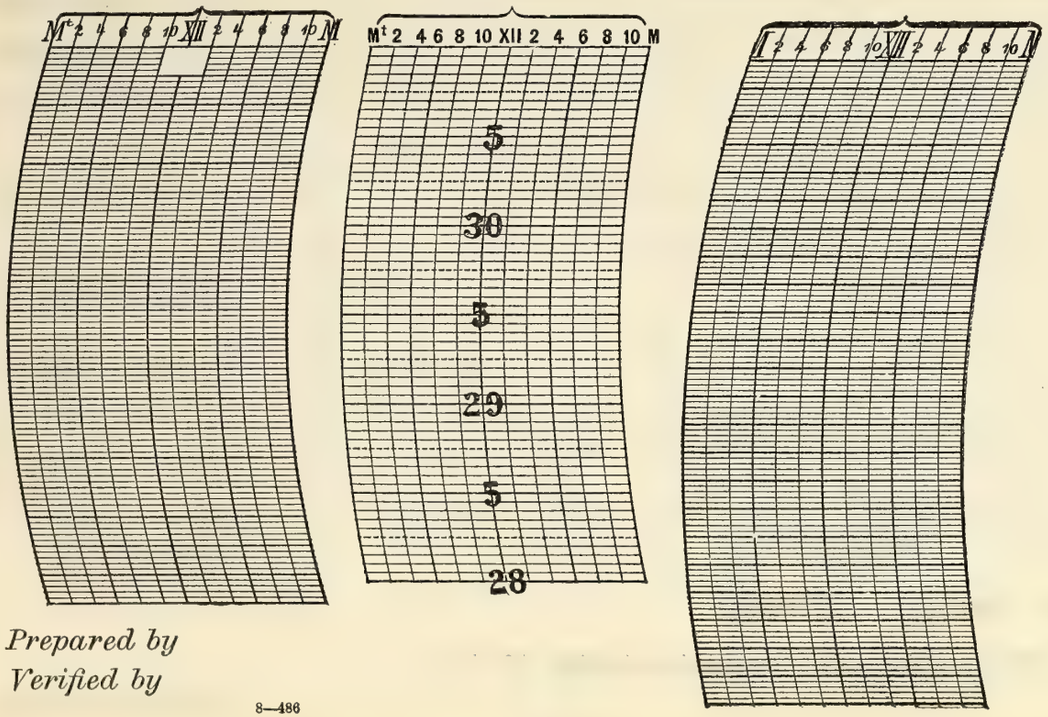
Maximum velocity,	Direction,	Time.
____	____	____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer. _____ hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
Sunrise: Time, _____ Character, _____																					Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

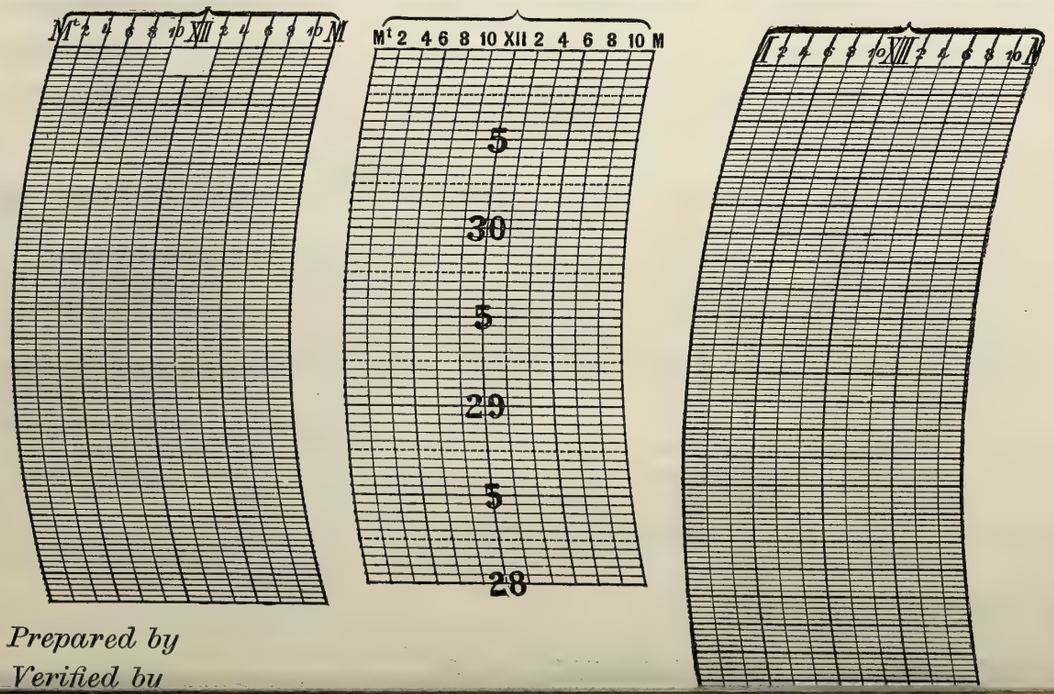
Average hourly velocity, _____

Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____



NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

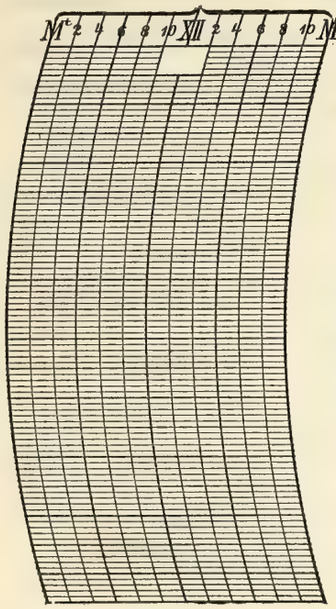
Maximum velocity,	Direction,	Time.
____	____	____

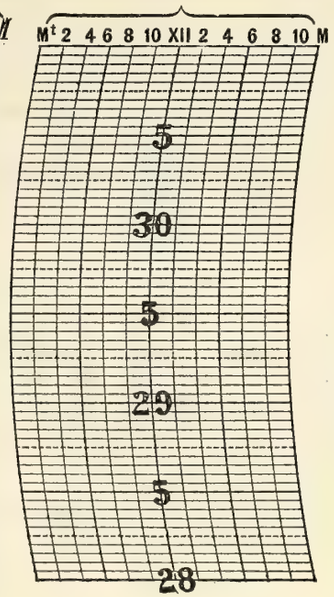
Relative humidity, ____ a. m. ____ p. m.

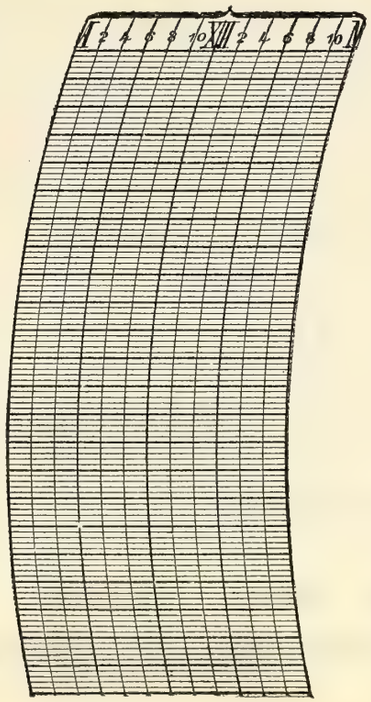
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

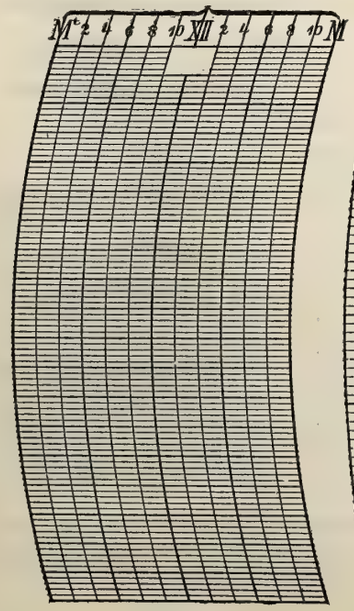
Maximum velocity, ____ Direction, ____ Time. ____

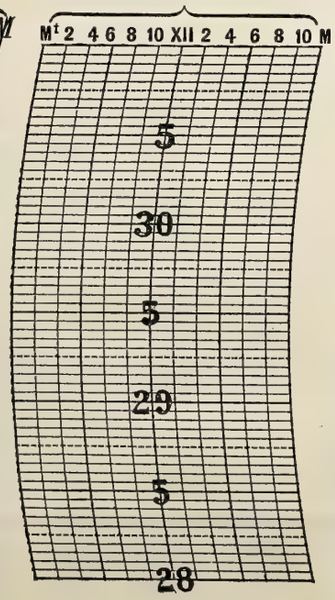
Relative humidity, ____ a. m. ____ p. m.

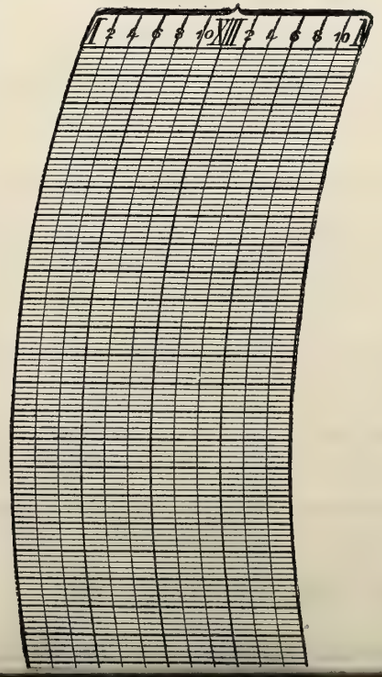
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

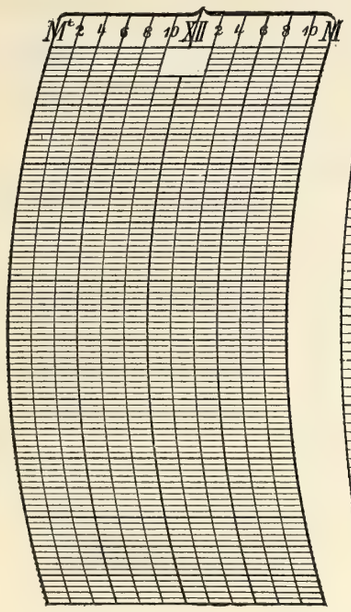
Maximum velocity, ____ Direction, ____ Time. ____

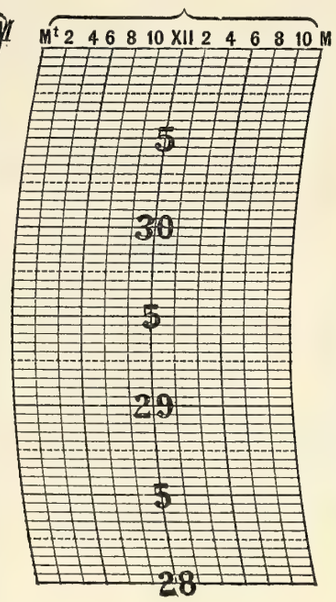
Relative humidity, ____ a. m. ____ p. m.

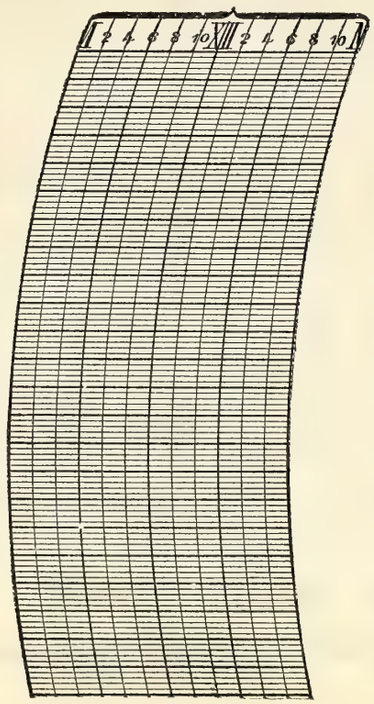
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

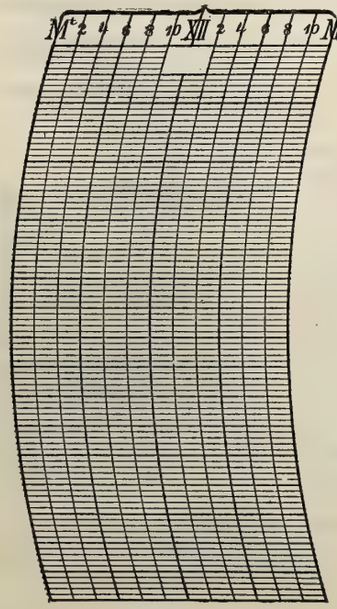
Maximum velocity,	Direction,	Time.

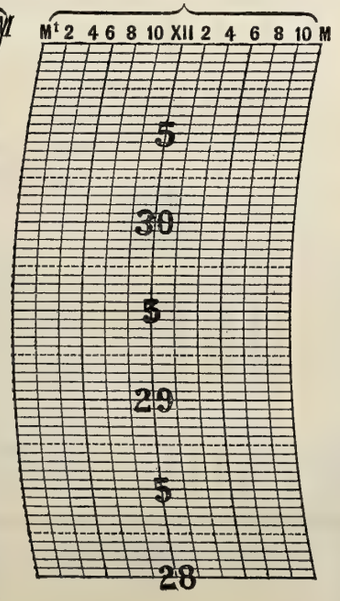
Relative humidity, _____ a. m. _____ p. m.

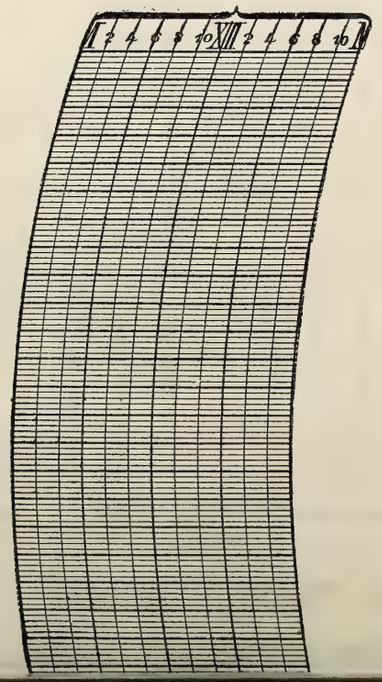
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

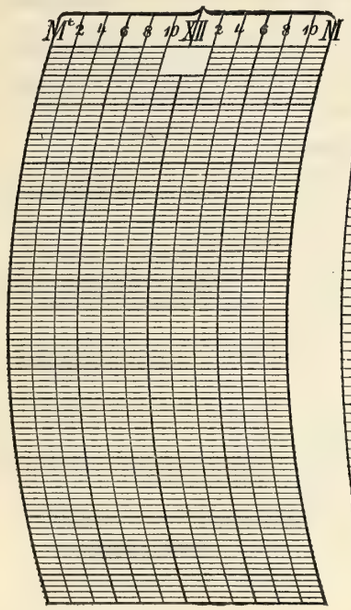
Maximum velocity, ____ Direction, ____ Time. ____

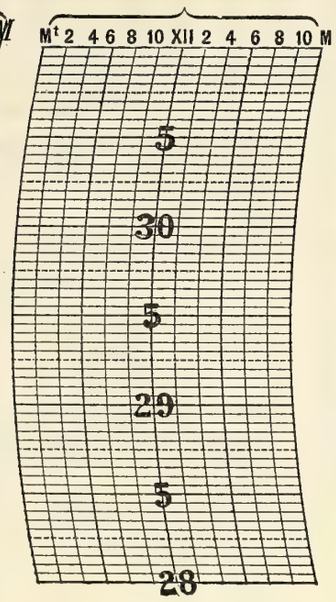
Relative humidity, ____ a. m. ____ p. m.

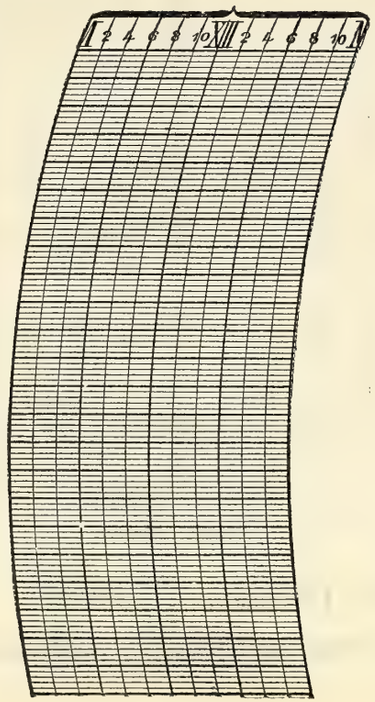
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

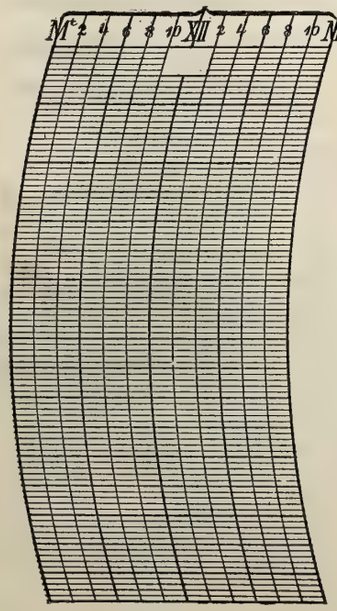
Maximum velocity, ____ Direction, ____ Time. ____

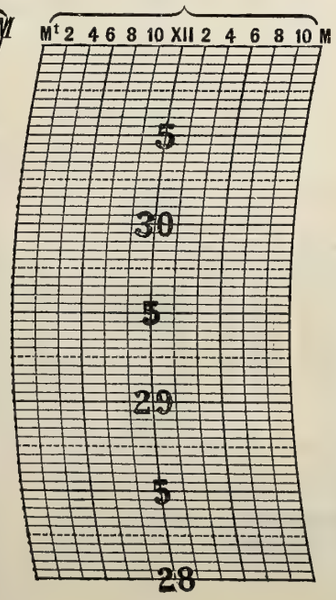
Relative humidity, ____ a. m. ____ p. m.

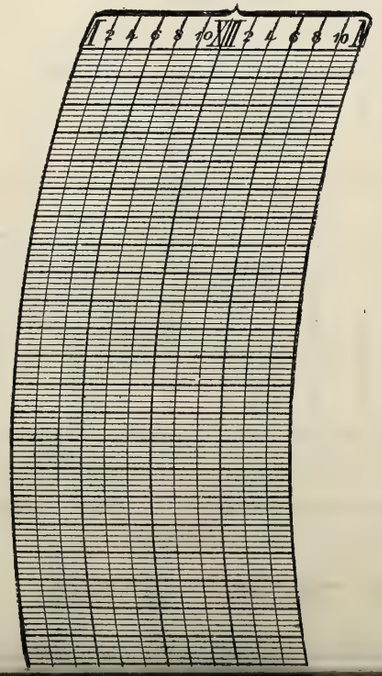
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction_____

Total movement, _____

Average hourly velocity, _____

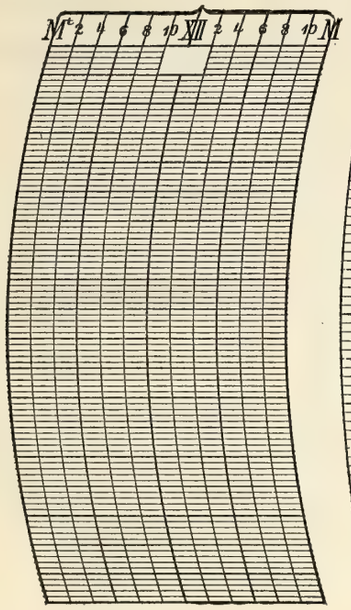
Maximum velocity, _____ Direction, _____ Time. _____

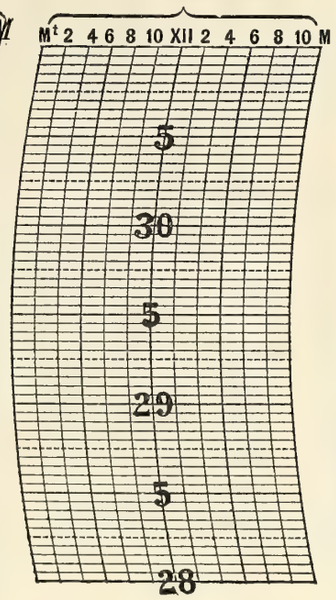
Relative humidity, _____ a. m. _____ p. m.

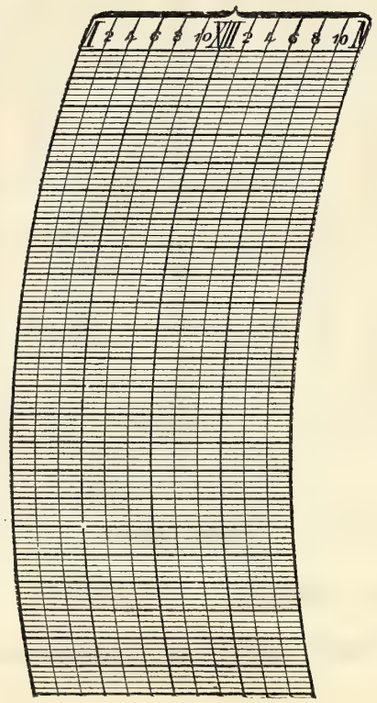
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

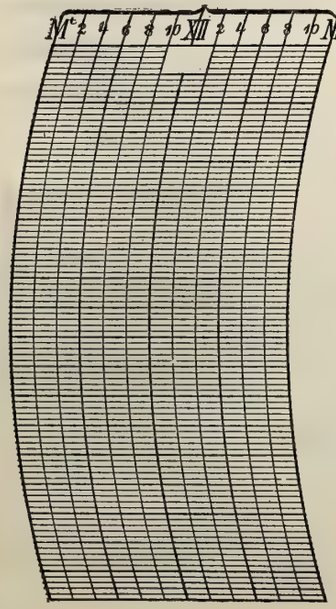
Maximum velocity,	Direction,	Time.

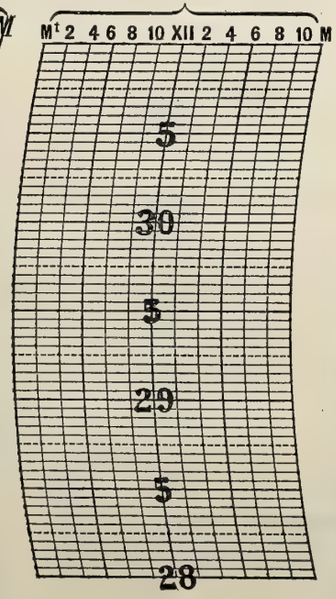
Relative humidity, ____ a. m. ____ p. m.

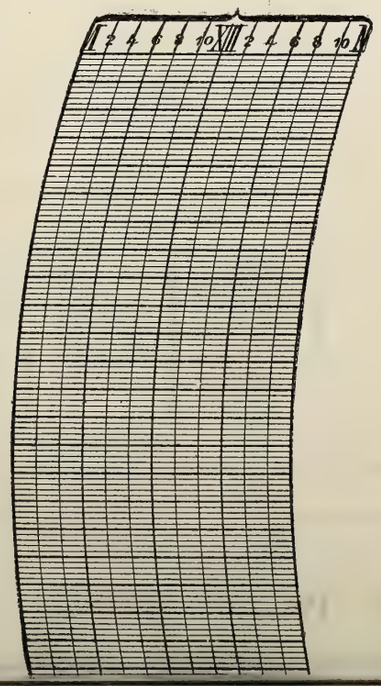
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								
Excessive precipitation, accumulated amounts																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

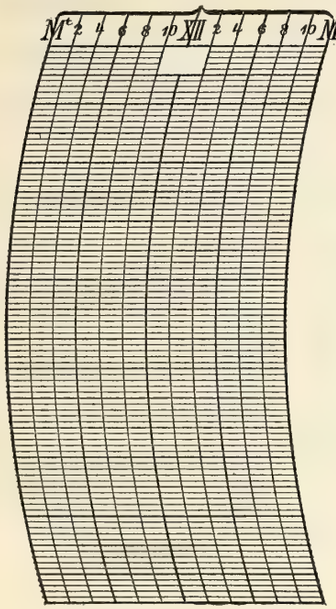
Maximum velocity, _____ Direction, _____ Time. _____

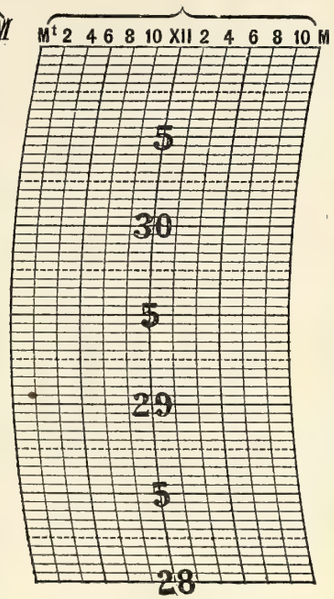
Relative humidity, _____ a. m. _____ p. m.

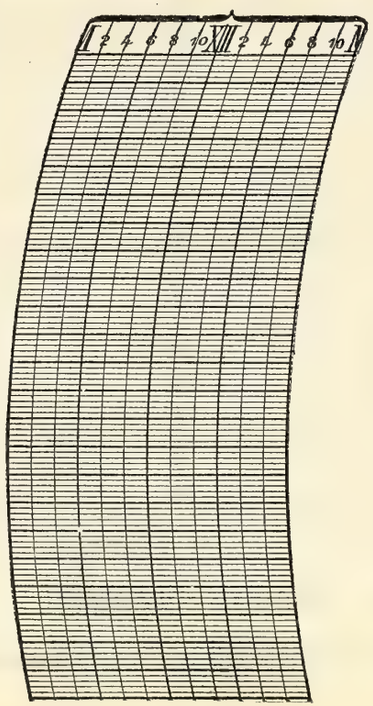
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

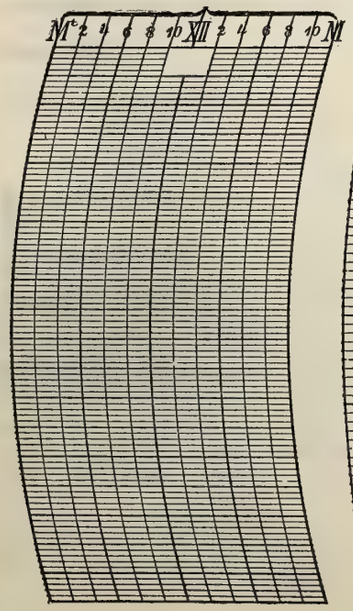
Maximum velocity, ____ Direction, ____ Time. ____

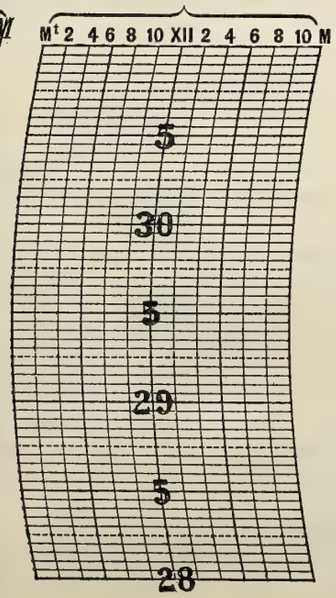
Relative humidity, ____ a. m. ____ p. m.

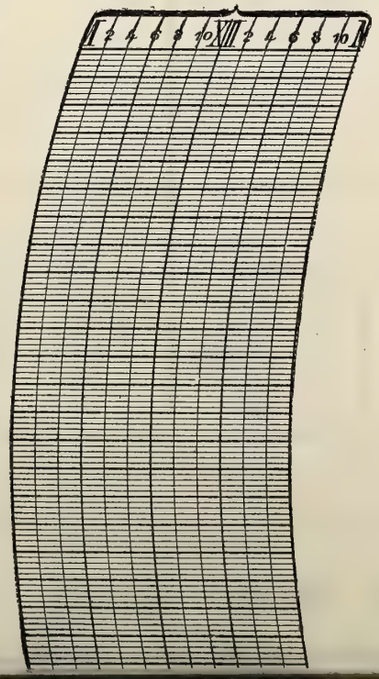
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

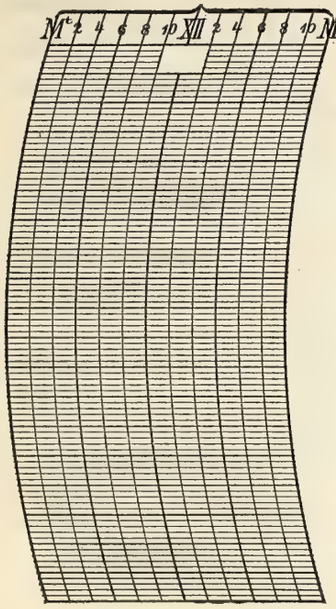
Maximum velocity, ____ Direction, ____ Time. ____

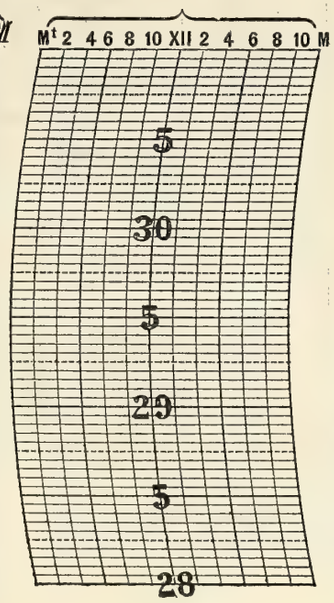
Relative humidity, ____ a. m. ____ p. m.

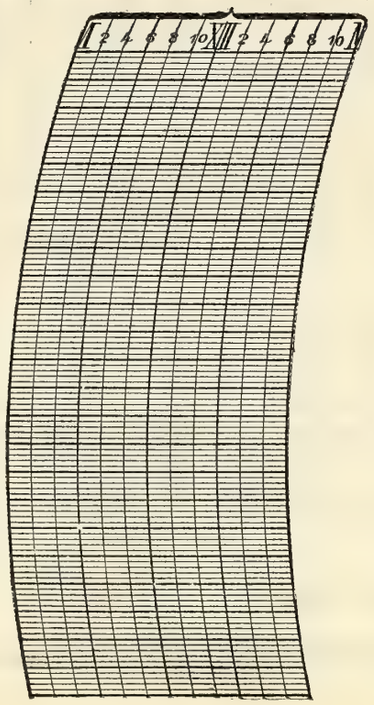
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

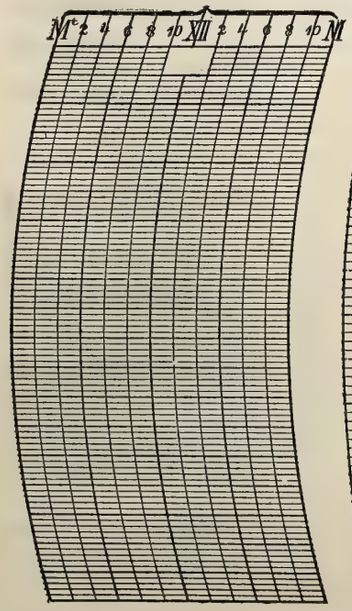
Maximum velocity, ____ Direction, ____ Time. ____

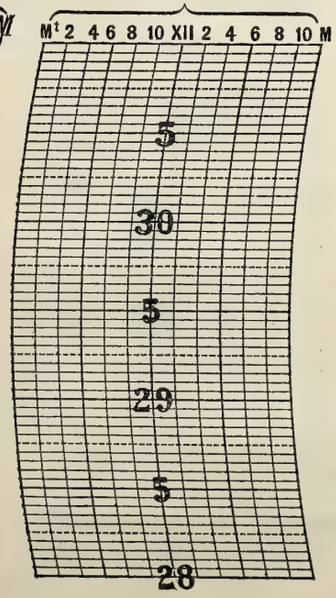
Relative humidity, ____ a. m. ____ p. m.

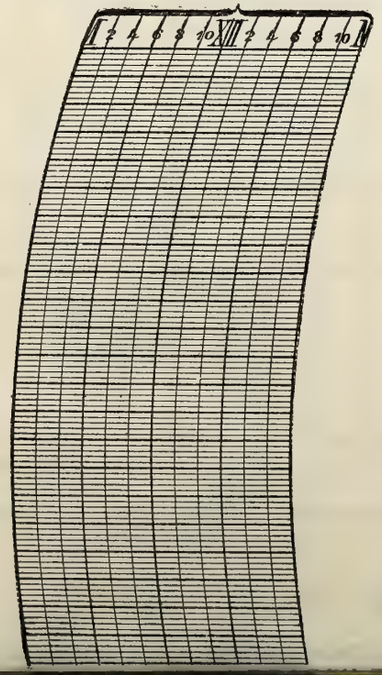
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time, ____ Character, ____																					Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

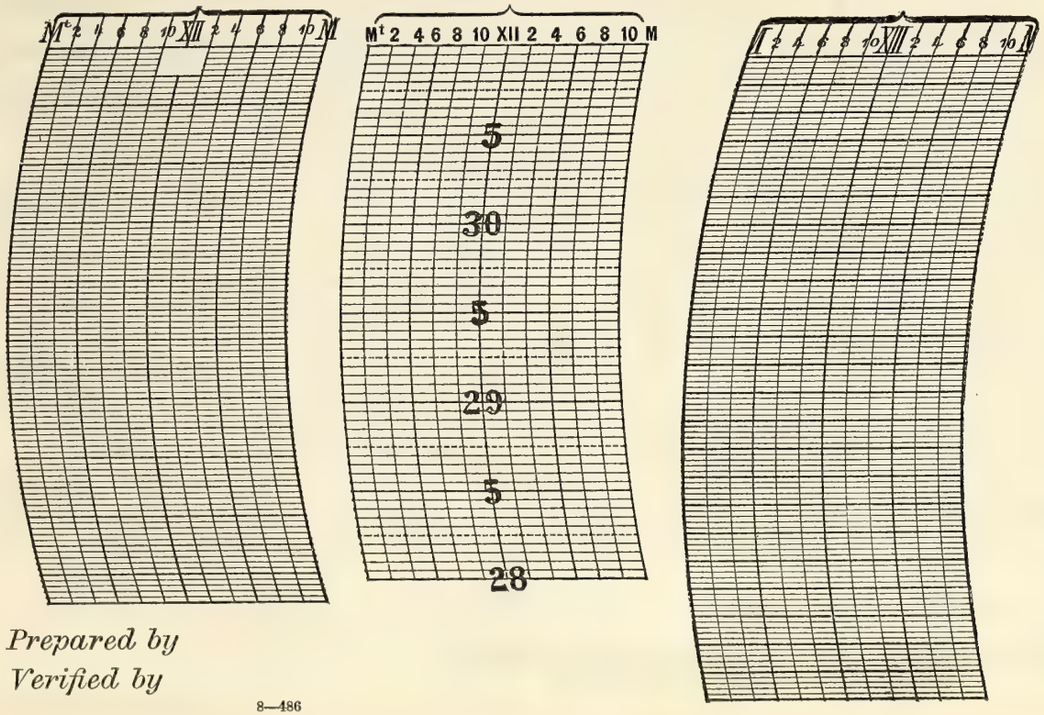
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

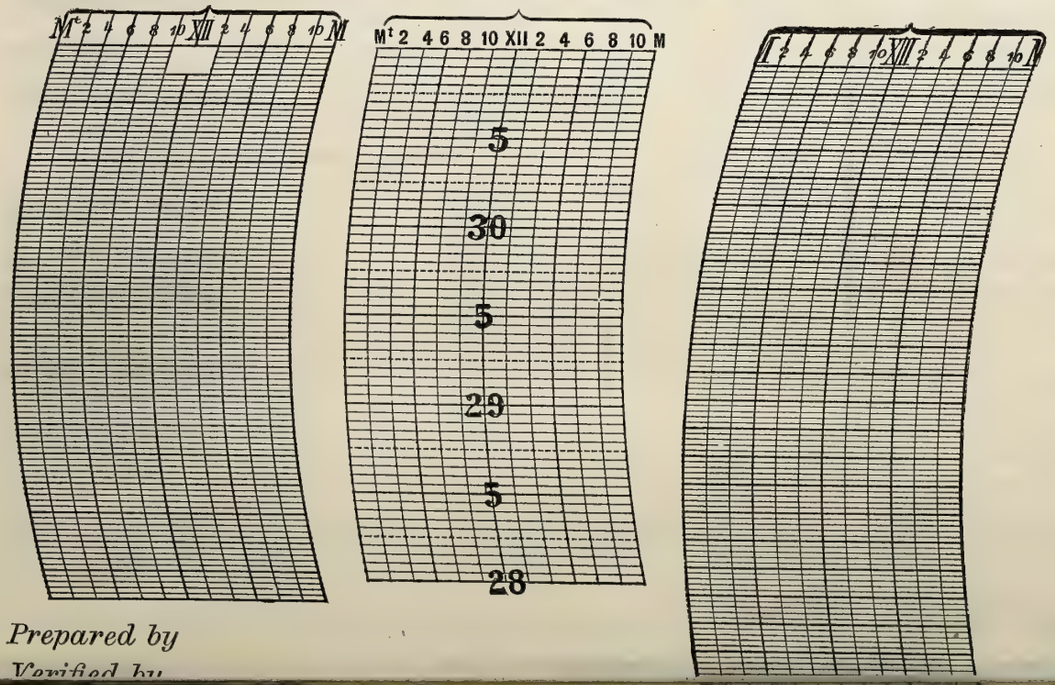
Maximum velocity,	Direction,	Time.

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

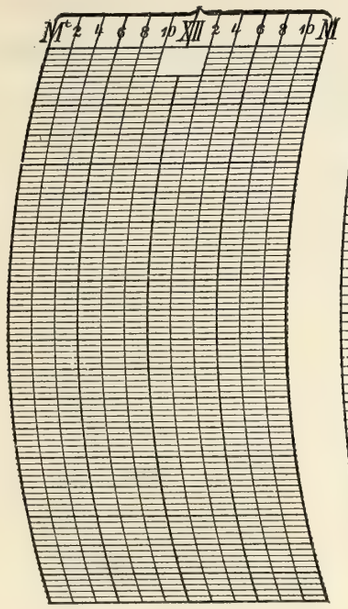
Maximum velocity,	Direction,	Time.
____	____	____

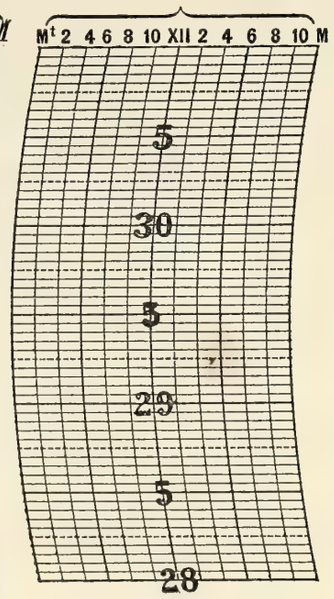
Relative humidity, ____ a. m. ____ p. m.

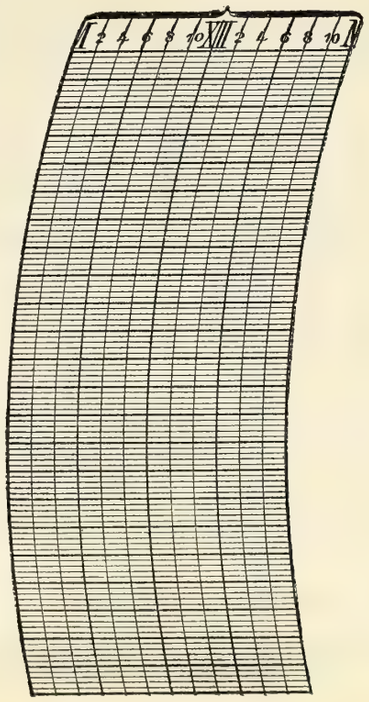
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

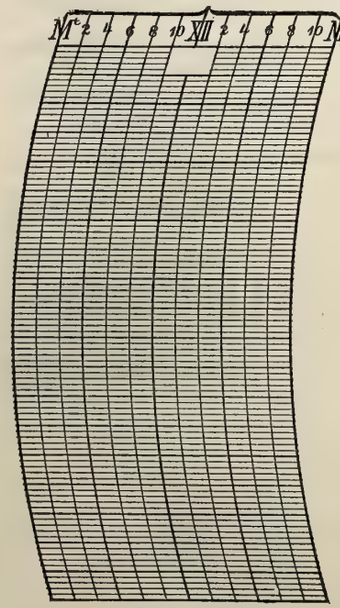
Average hourly velocity, ____

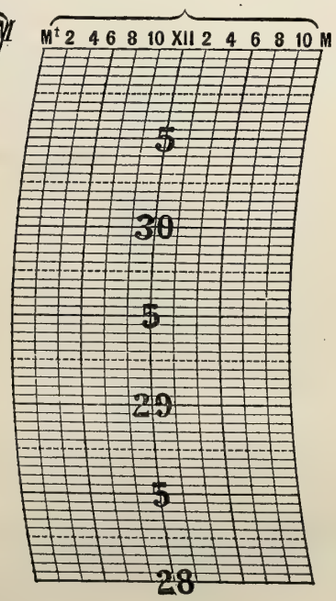
Maximum velocity, ____ Direction, ____ Time. ____

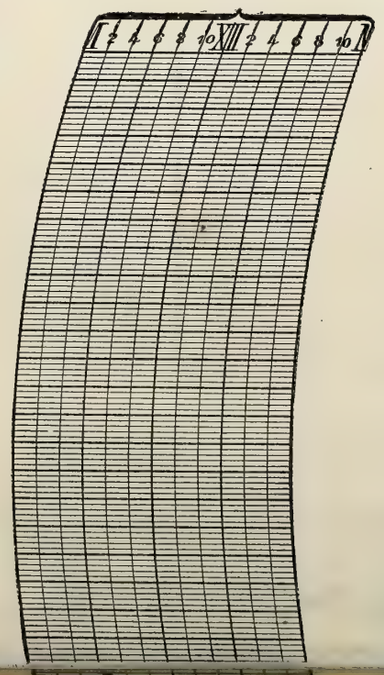
Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____







NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

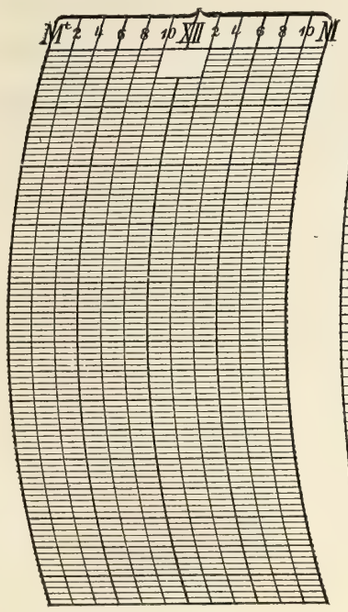
Maximum velocity,	Direction,	Time.
____	____	____

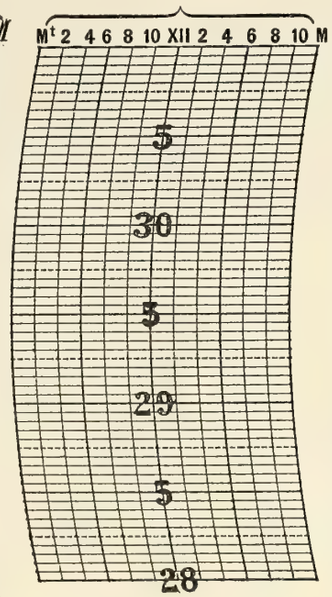
Relative humidity, ____ a. m. ____ p. m.

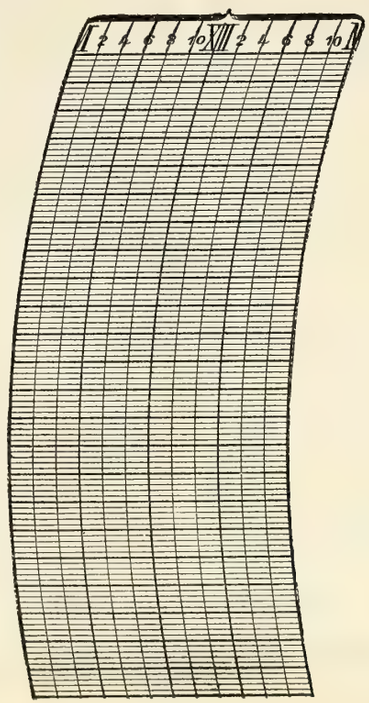
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

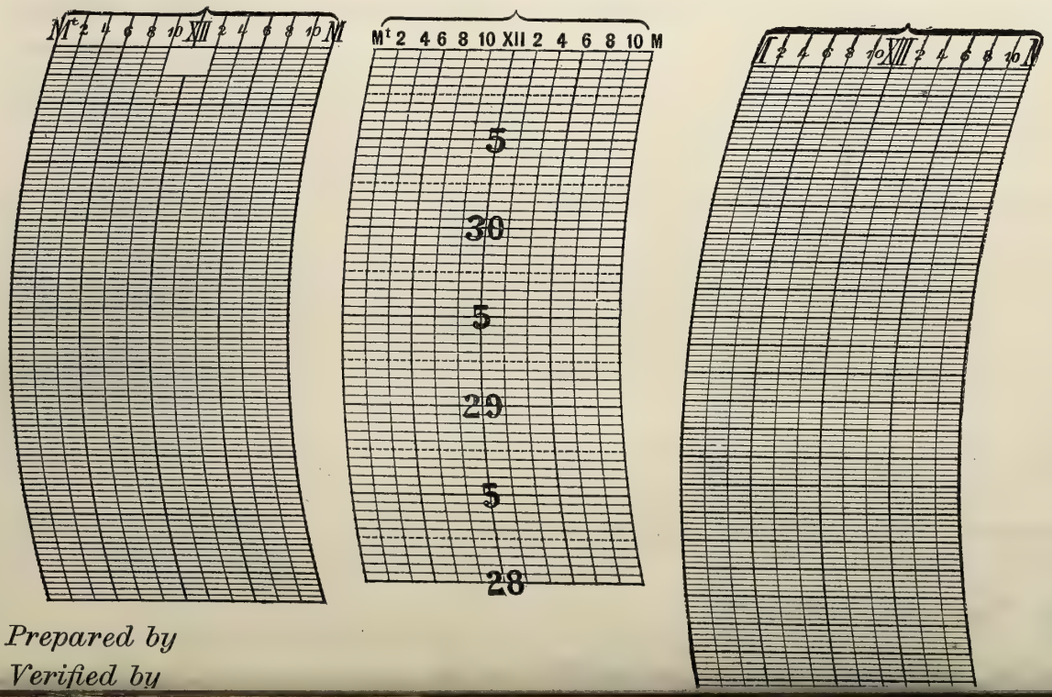
Average hourly velocity, ____

Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____



NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
INDEX, DAILY LOCAL RECORD, 191

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras											~~2~~	~~4.28~~
Clouds, special formation											12	4.28
Cold waves												
Dew, heavy deposits of												
Droughts												
Earthquakes												
Fires, forest							30	25	9			21.26
Fog, light									16	12.15.18		9
Dense												
Floods, other than in rivers										24		
Frosts, light										24		
Heavy										24		
Killing										24		
First killing after July 15												
Last killing before July 15												
Last heavy before July 15										24		
First heavy after July 15												
Hail. *See* Precipitation										24		
Ice												
Lightning, damage by												
Deaths by												
Meteors												
Navigation, opening												
Closing												
Impeded												
Observations, not taken												
Taken late									14			
Special												
Optical phenomena, haze												
Coronæ										8		
Halo, lunar												
Solar												
Parhelia												
Parselenæ												
Rainbows												
Sunrise, peculiar												
Sunset, peculiar												
Zodiacal light												
Precipitation, rain, light												
Heavy					20	25	10.16		15.18			

8—486

ENTER DATES, NOT PAGES.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

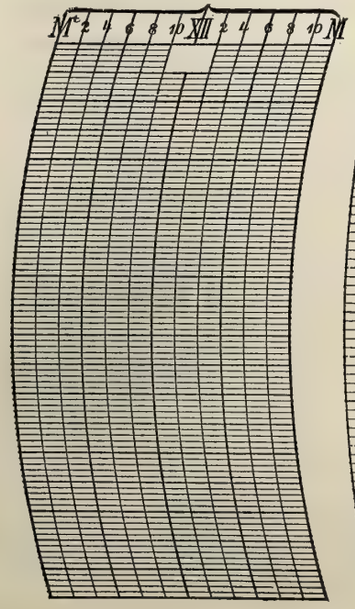
Average hourly velocity, ____

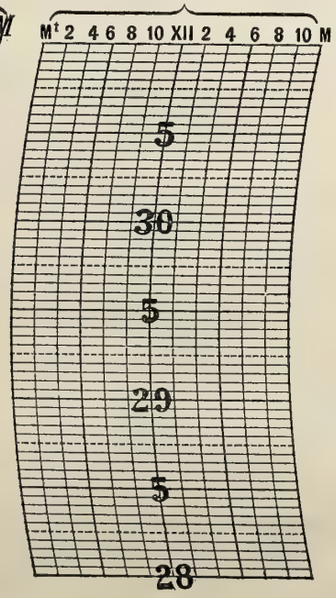
Maximum velocity, ____ Direction, ____ Time. ____

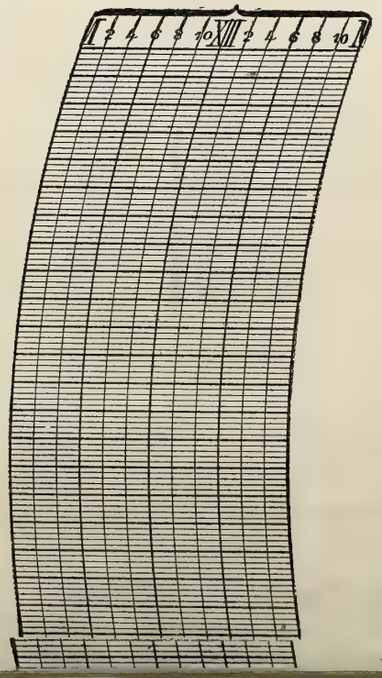
Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____







NOTES.

Prepared by

Verified by

INDEX, DAILY LOCAL RECORD, 191

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras												
Clouds, special formation											~~12~~	~~4.28~~
Cold waves											12	4.28
Dew, heavy deposits of												
Droughts												
Earthquakes												
Fires, forest												
Fog, light							30	25	9			21.26
Dense									16	12.15.18		9
Floods, other than in rivers												
Frosts, light										24		
Heavy										24		
Killing										24		
First killing after July 15										24		
Last killing before July 15												
Last heavy before July 15												
First heavy after July 15										24		
Hail. *See* Precipitation												
Ice										24		
Lightning, damage by												
Deaths by												
Meteors												
Navigation, opening												
Closing												
Impeded												
Observations, not taken												
Taken late												
Special									14			
Optical phenomena, haze												
Coronæ												
Halo, lunar										8		
Solar												
Parhelia												
Parselenæ												
Rainbows												
Sunrise, peculiar												
Sunset, peculiar												
Zodiacal light												
Precipitation, rain, light												
Heavy					20	25	10.16		15.18			

8—486

ENTER DATES, NOT PAGES.

INDEX, DAILY LOCAL RECORD, 191

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation, rain—Continued.												
Excessive					20	25	10.16		15.18			
Showers, light												
Heavy												
Sleet												
Snow, light											12, 14, 20	1, 3, 27, 30
Heavy											~~1, 3, 27, 30~~	
Hail												
Wet periods												
Records in court												
Rivers, rapid rise												
Flood stages												
Low-water stages, unusual												
High water, periods of												
Frozen												
Floating débris												
Gorges												
Running ice												
Warnings. *See* Warnings												
Smoke, light												
Dense												
Temperature, unusually high							1 to 10					
Unusually low												
Sudden rise												
Sudden fall										~~11+12~~	11+12	
Periods of high												
Periods of low						3, 4, 6, 11, 17 25, 27	3, 4, 6, 8, 10 16, 19.	1, 12, 13	14, 15, 18 27, 29	1, 4, 6, 14, 16	9, 11	
Thunderstorms					28, 29, 30, 31							
Tornadoes												
Warnings, advisory											28, 10, 11, 23, 27.	26. 30. 31
Cold wave												
Inland storm												
Emergency												
Frost												
Hurricane												
Rapid rise in river												
Flood												
Winds, 25 to 39 miles per hour											11	26, 27, 31
40 miles per hour, or over												
Hurricanes												

8—486

ENTER DATES, NOT PAGES.

HECKMAN
BINDERY, INC.
Bound-To-Please®
DEC 02
N. MANCHESTER, INDIANA 46962